

# **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.





a25076  
.A1 U54  
reserv

United States  
Department of  
Agriculture

National  
Agricultural  
Library

and

United States  
Environmental  
Protection Agency

Office of Pesticide  
Programs

Bibliographies  
and Literature  
of Agriculture  
Number 40

# The Protection of Stone Fruits, Excluding Cherries, 1979–March 1985

## Citations from Agricola Concerning Diseases and Other Environmental Considerations



842566

# **The Protection of Stone Fruits, Excluding Cherries, 1979–March 1985**

**Citations from Agricola  
Concerning Diseases and Other  
Environmental Considerations**

Compiled and Edited by  
Charles N. Bebee  
National Agricultural Library

Bibliographies and Literature  
of Agriculture No. 40

United States Department of Agriculture  
National Agricultural Library  
Beltsville, Maryland 20705

and

United States Environmental Protection Agency  
Office of Pesticide Programs  
Washington, D.C. 20460

August 1985



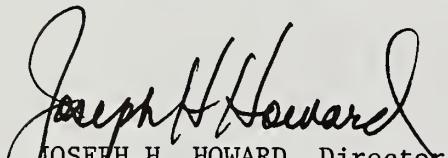
## FOREWORD

This is the sixth volume in a series of commodity-oriented environmental bibliographies resulting from a memorandum of understanding between the United States Department of Agriculture, National Agricultural Library (USDA-NAL), and the Environmental Protection Agency, Office of Pesticide Programs (EPA-OPP).

This close working relationship between the two agencies will produce a series of bibliographies which will be useful to EPA in the regulation of pesticides, as well as to any researcher in the field of plant or commodity protection. The broad scope of information contained in this series will benefit USDA, EPA, and the agricultural community as a whole.

The sources referenced in these bibliographies include the majority of the latest available information from United States publications involving commodity protection throughout the growing and processing stages for each agricultural commodity.

We welcome the opportunity to join this cooperative effort between USDA and EPA in support of the national agricultural community.



JOSEPH H. HOWARD, Director  
National Agricultural Library



STEVEN SCHATZOW, Director  
Office of Pesticide Programs





United States  
Department of  
Agriculture

National  
Agricultural  
Library

Public Services  
Division

Beltsville, Maryland  
20705

## DOCUMENT DELIVERY SERVICES TO INDIVIDUALS

The National Agricultural Library (NAL) has a unique responsibility to attempt to supply copies of agricultural publications not found elsewhere. Filling requests for materials readily available from other sources would divert its resources and diminish its ability to serve as a national source for agricultural and agriculturally related publications. Therefore, NAL should be viewed as a library of last resort and individuals should submit requests first to local or state sources prior to sending to NAL. Possible sources are the land-grant university or other large research libraries within a state. If the needed publications are not available from these sources, the requests may be submitted to NAL with a statement indicating their non-availability.

Individuals in other countries should submit requests through major university, national or provincial institutions.

**LOAN SERVICE** — Materials in the collection are loaned only to other *libraries*. Requests for loans should be made through local public, academic or special libraries.

The following materials are **not** available for loan: serials (except USDA serials); rare, reference, and reserve books; microforms; and proceedings of conferences or symposiums. Photocopy or microform of non-circulating publications may be purchased as described below.

**PHOTODUPLICATION SERVICE** — Use "USDA Request for Photocopying" (form LF-607) which may be requested in advance from our Library. A *separate form* should be submitted for each article or item requested. Requests should be as complete as possible with a minimum of abbreviation. The source of the citation should be given. If the citation is from an NAL database (CAIN/AGRICOLA, *Bibliography of Agriculture*, or the NAL catalog) and the call number is given, that call number should be listed in the proper block on the request form. Willingness to pay charges should be indicated on the form. Indicate compliance with copyright law or include a statement that the article is for research purposes only. Requests cannot be processed without these statements.

Rates are:

*Electrostatic copy, microfilm and microfiche* —

\$ 5.00 for the first 10 pages or fraction copied from a single article or publication.  
\$ 3.00 for each additional 10 pages or fraction.

*Duplication of NAL-owned microfilm* — \$ 10.00 per reel.

*Duplication of NAL-owned microfiche* — \$ 5.00 for the first fiche and \$.50 for each additional fiche.

**Billing** — Fees include postage and handling, and are subject to change. Invoices are issued quarterly by the National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, VA 22161. Requesters are encouraged to establish deposit accounts with NTIS.

**DO NOT SEND PREPAYMENT.**

**SEND REQUESTS TO** — USDA, National Agricultural Library, Lending Branch, ILL, Beltsville, Maryland 20705. Questions concerning these services may be made by correspondence to Head, Lending Branch or by telephoning (301) 344-3755.

**NOTE** —

- Once requests have been accepted and processing has begun, requests cannot be cancelled. The appropriate charge for filling requests will be applied.



United States  
Department of  
Agriculture

National  
Agricultural  
Library

Public Services  
Division

Beltsville, Maryland  
20705

**DOCUMENT DELIVERY SERVICES AVAILABLE to Libraries and Other Information Centers and Commercial Organizations**

The National Agricultural Library (NAL) accepts requests from libraries and other organizations in accordance with the national and international interlibrary loan code and guidelines. In its national role, NAL has a unique responsibility to attempt to supply copies of agricultural publications not found elsewhere. Filling requests for materials readily available from other sources would divert its resources and diminish its ability to serve as a national source for agricultural and agriculturally related publications. Therefore, NAL should be viewed as a library of last resort. Requestors should submit requests first to State/region/network sources prior to sending to NAL. Within the United States, possible sources are the land-grant university or other large research libraries within a state. Requesters in other countries should first try major university, national or provincial institutions. If the needed publications are not available from these sources, the requests may be submitted to NAL with a statement indicating their non-availability.

- Requests may be submitted on the American Library or the International Library interlibrary request form, by TWX (710-828-0506) or via the OCLC interlibrary loan subsystem. Our OCLC symbol is **AGL**, and we request that the symbol be entered twice. The complete name of the person authorizing the request is to appear on each form.
- The standard bibliographic source which lists the title as owned by NAL should be noted on each request. Requests for periodical articles should be verified. If verification is not possible, indicate the sources searched and give the source of the citation requested. Those requests which are verified or for which the citation source has been given receive a more thorough search. Unverified requests may be returned. If the citation is from an NAL database (CAIN/AGRICOLA, *Bibliography of Agriculture*, or the NAL catalog) and the call number is given, this call number should be included on the request.

**LOAN SERVICE** — Monographs published in the United States or abroad may be lent to U.S. libraries. Monographs published in the U.S. may be lent to libraries in other countries. The loan period is one month unless a shorter period is indicated on the due slip. The loan may be renewed for an additional month if there is no reserve request. The renewal request should be received prior to the due date. The borrowing library is responsible from the time of dispatch for any loss or damage incurred.

The following materials are **not** available for loan: serials (except for USDA serials), rare, reference and reserve books microforms, and proceedings of conferences or symposiums. Photocopy or microform of the non-circulating publications will be supplied automatically as described below if the requesting organization indicates that this is acceptable on the loan request form.

**PHOTODUPLICATION SERVICE** — A separate completed interlibrary form should be submitted for each article requested. Willingness to pay charges should be indicated on the form. Indicate compliance with copyright law or include a statement that the article is for research purposes only. Requests cannot be processed without these statements.

Rates are:

*Electrostatic copy, microfilm and microfiche* —

- \$ 5.00 for the first 10 pages or fraction copied from a single article or publication.
- \$ 3.00 for each additional 10 pages or fraction.

*Duplication of NAL-owned microfilm* — \$ 10.00 per reel.

*Duplication of NAL-owned microfiche* — \$ 5.00 for the first fiche and \$.50 for each additional fiche.

**Billing** — Fees include postage and handling, and are subject to change. Invoices are issued quarterly by the National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, VA 22161. Requesters are encouraged to establish deposit accounts with NTIS.

**DO NOT SEND PREPAYMENT.**

**SEND REQUESTS TO** — USDA, National Agricultural Library, Lending Branch, ILL, Beltsville, Maryland 20705. Questions concerning these services may be made by correspondence to Head, Lending Branch or by telephoning (301) 344-3755.

**NOTE** —

- Once requests have been accepted and processing has begun, requests cannot be cancelled. The appropriate charge for filling requests will be applied.

## INTRODUCTION

The citations in this bibliography are selected from works by U.S. authors on all aspects of the protection of stone fruits, excluding cherries. All citations are derived from AGRICOLA (AGRICultural OnLine Access), the family of data bases compiled by the National Agricultural Library and its cooperators.

This is the sixth bibliography included in a series of commodity-oriented environmental data bases jointly sponsored by the National Agricultural Library, United States Department of Agriculture (USDA-NAL), and the Office of Pesticides Programs, Environmental Protection Agency (EPA-OPP). Additional volumes issued recently or planned for the immediate future concern protection of corn, soybeans, stone fruits, wheat, grain sorghum, rice, and peanuts.

Entries in the bibliography are subdivided into a series of subject headings used in the table of contents of the Bibliography of Agriculture and in the National Agricultural Library Catalog. Each citation appears under the subject heading assigned to the particular item. A complete author index is also included in the publication.

The Office of Pesticide Programs, EPA, has furnished technical assistance to the compiler through members of a commodity-oriented environmental data team which included:

Charles D. Reese  
H. Irving Brigham  
Bernard Schneider, PhD.  
Richard Petrie

Any comments or questions may be forwarded to the compiler:

Charles N. Bebee  
USDA, National Agricultural Library  
Room 111  
Beltsville, MD 20705  
(301) 344-3704



## CONTENTS

	<u>Item No.</u>
Research	1-3
Meteorology and Climatology	4-5
Legislation	6-13
Economics	14-15
Distribution and Marketing	16-17
Grading, Standards, Labelling	18-24
Farm	25
Plant Production - Horticultural Crops	26-54
Plant Breeding	55-73
Plant Structure	74
Plant Nutrition	75-76
Plant Physiology and Biochemistry	77-85
Protection of Plants	86-120
Pests of Plants-General and Miscellaneous	121-124
Pests of Plants-Insects	125-233
Pests of Plants-Nematodes	234-263
Plant Diseases-General	264-278
Plant Diseases-Fungal	279-401
Plant Diseases-Bacterial	402-438
Plant Diseases-Viral	439-482
Plant Diseases-Physiological	483-488
Miscellaneous Plant Disorders	489-520
Protection of Plant Products-General Miscellaneous	521-547
Protection of Plant Products-Insects	548-549
Weeds	550-572
Pesticides-General	573-590
Soil Science	591
Soil Biology	592
Soil Fertility-Fertilizers	593-595
Soil Cultivation	596
Entomology Related	597-599
Animal Genetics	600
Animal Ecology	601-604
Farm Equipment	605
Natural Resources	606
Water Resources and Management	607
Drainage and Irrigation	608-609
Food Processing-Horticultural Crop	610-612
Food Storage-Horticultural Crop	613-614
Microbiology of Food Processing	615
Microbiology of Horticultural Crop	616
Food Contamination, Horticultural Crop	617-620
Food Composition, Horticultural Crop	621-622
Mathematics and Statistics	623
Author Index	p. 85-89



# EPA BIBLIOGRAPHY

## RESEARCH

0001

Experiment station work. Vhumus in soils, winter protection of peach trees, swamp, marsh, or muck soils, rape, subwatering in greenhouses, velvet bean, bacterial diseases of plants, sunflowers, grape juice and sweet cider /prepared in the Office of Experiment Stations.

-. Washington :\_ U.S. Dept. of Agriculture,\_ 1898.  
32 p. -.

0002

Experiment station work, XXII compiled from the publications of the agricultural experiment stations : losses in manure, apple pomace for cows, macaroni wheats, rations for laying hens, sterilizing greenhouse soils, early molting of hens, tomatoes under glass, evaporation from incubator eggs, protection of peach buds, the keeping quality of butter, dandelions in lawns, curing cheese in cold storage /prepared in the Office of Experiment Stations. -.

Washington, D.C. :\_ U.S. Dept. of Agriculture,\_ 1904. 32 p. : ill. -. Includes bibliographical references.

0003

Redistribution of oxamyl from treated seeds to peach seedlings and soil as determined by high-performance liquid chromatography (Pesticides).

Chiba, M. JAFCA. Veres, D.F.; Townshend, J.L.; Potter, J.W. Washington : American Chemical Society. Journal of agricultural and food chemistry. Jan/Feb 1983. v. 31 (1). p. 53-58. 2 p. ref. (NAL Call No.: 381 J8223).

# METEOROLOGY AND CLIMATOLOGY

0004

Effect of temperature on *Monilinia fructicola* conidia produced on fresh stone fruits (Spore size and rate of germination, microclimate, brown rot, peaches, nectarines, California).

Phillips, D.J. St. Paul, Minn. : American Phytopathological Society. Plant disease. July 1984. v. 68 (7). p. 610-612. Includes references. (NAL Call No.: 1.9 P69P).

0005

Influence of simulated rains on phosmet residues and oriental fruit moth (Lepidoptera: Tortricidae) control on peach (*Grapholitha molesta*).

Pree, D.J. Menzies, D.R.; Braun, H.E.; Fisher, R.W. College Park, Md. : Entomological Society of America. Journal of economic entomology. Apr 1984. v. 77 (2). p. 483-486. Includes references. (NAL Call No.: 421 J822).

# LEGISLATION

0006

Dwarf peach tree ((variety) 54-P-455)  
(Freestone fruit, medium shipping and keeping quality, dessert quality, normal resistance to insects and diseases).

Anderson, F.W. Washington, D.C., The Office.  
United States patent. Plant - United States  
Patent and Trademark Office. Oct 17, 1978. Oct  
17, 1978. (4317). 2 p. plate. (NAL Call No.:  
156.65 P69).

0007

Nectarine tree ((variety) 44-G-520) (Clingstone  
fruit for market and dessert use, good keeping  
quality, normal resistance to insects and  
disease, good shipping quality).

Anderson, F.W. Washington, D.C., The Office.  
United States patent. Plant - United States  
Patent and Trademark Office. Oct 17, 1978. Oct  
17, 1978. (4318). 2 p. plate. (NAL Call No.:  
156.65 P69).

0008

Nectarine tree (43-G-587) (Varieties, fruit of  
a firmness which permits long distance shipping  
and provides substantial shelf life, normal  
resistance to insects and diseases).

Anderson, F.W. Washington, D.C., The Office.  
United States patent. Plant - United States  
Patent and Trademark Office. July 10, 1979.  
July 10, 1979. (4435). 2 p. plate. (NAL Call  
No.: 156.65 P69).

0009

Peach cultivar (Late maturing yellow freestone  
peach, large round firm fruit, bright red skin  
color, improved tolerance to common bacterial  
leaf spot disease).

Bailey, C.H. Hough, L.F. (n.p.), The Office.  
Plant patent - United States Patent Office.  
July 15, 1980. July 15, 1980. (4572). 2 p.  
plate. (NAL Call No.: 156.65 P69).

0010

Peach tree (Varieties, freestone fruit, good  
resistance to insects and disease, market and  
dessert use, good shipping and keeping  
quality).

Merrill, G. Washington, D.C., The Office.  
United States patent. Plant - United States  
Patent and Trademark Office. Mar 20, 1979. Mar  
20, 1979. (4399). 2 p. plate. (NAL Call No.:  
156.65 P69).

0011

Peach tree (Varieties, freestone fruit, yellow  
flesh, good resistance to insects and diseases,  
good shipping and keeping quality, market and  
dessert use).

Merrill, G. Washington, D.C., The Office.  
United States patent. Plant - United States  
Patent and Trademark Office. Mar 20, 1979. Mar  
20, 1979. (4398). 2 p. plate. (NAL Call No.:  
156.65 P69).

0012

Plum tree ((variety) 25-P-40) (Clingstone  
fruit, use for market, dessert, canning, normal  
resistance to insects and disease, very good  
keeping quality, good to medium shipping  
quality).

Anderson, F.W. Washington, D.C., The Office.  
United States patent. Plant - United States  
Patent and Trademark Office. Oct 17, 1978. Oct  
17, 1978. (4316). 2 p. plate. (NAL Call No.:  
156.65 P69).

0013

Yellow peach tree (Variety name Kurakata  
Yellow, great amount of fruit with sturdy skin,  
strong resistance to usual peach diseases,  
clingstone, flesh is yellow in color and  
delicate in texture with distinctive good  
flavor).

Kurakata, E. Washington, D.C., The Office.  
United States patent. Plant - United States  
Patent and Trademark Office. June 5, 1979. June  
5, 1979. (4423). 3 p. plate. (NAL Call No.:  
156.65 P69).

# ECONOMICS

0014

**The effect of an embargo of California peaches.**  
Bauer, L.L. Wells, G.U.; Rathwell, P.U.  
Lexington, Ky., Southern Agricultural Economics  
Assoc. Extract: The Medfly infestation in  
California during 1981 was the cause of much  
concern. Quarantines were imposed in 11 states.  
Some expressed the opinion that embargos should  
be imposed on California produce. Reactive  
programming was used to analyze the effects of  
an embargo of California peaches. The results  
showed that, even if California peaches were  
embargoed by the remainder of the United  
States, producer revenue outside of California  
would increase by as little as 3-5 percent.  
Consumer prices outside of California would  
increase less than 4 percent, except in markets  
heavily dependent on California production,  
e.g. Denver, where estimated prices would  
increase by 11 percent. A complete embargo  
would result in estimated revenue for  
California producers decreasing by 22 percent  
and estimated prices for California consumers  
decreasing by approximately 20 percent.  
Southern journal of agricultural economics -  
Southern Agricultural Economics Association.  
Dec 1982. v. 14 (2). p. 119-122. Includes 4  
references. (NAL Call No.: HD101.S6).

0015

**Profile and pesticide-use characteristics of  
Georgia peach growers.**  
Ofiara, D.D. Allison, J.R. Athens, Ga. : The  
Stations. Extract: This study was conducted,  
first, to provide the latest information about  
the structure and composition of the peach  
grower industry for those involved with the  
industry, and second, to develop, a profile of  
pesticide-use data, state estimates, and  
characteristics of use. Research report -  
University of Georgia, College of Agriculture,  
Experiment Stations. May 1983. May 1983. (427).  
30 p. Includes 9 references. (NAL Call No.:  
S51.E22).

# DISTRIBUTION AND MARKETING

0016

An econometric analysis of market control in  
the California cling peach industry.  
Minami, D.D. French, B.C.; King, G.A. Berkeley,  
The Station. Giannini Foundation monograph -  
California, University, Division of  
Agricultural Sciences, Agricultural Experiment  
Station. Oct 1979. Oct 1979. (39). 136 p.  
Bibliography p. 133-136. (NAL Call No.:  
919825(AGE)).

0017

Quality of frozen peas and peaches subjected to  
elevated temperatures during simulated retail  
and consumer handling.  
Cook, A. Davis, C. Hyattsville, Md., Food  
Distribution Research Society. Journal of food  
distribution research. Sept 1978. v. 9 (3). p.  
23-30. ill. 7 ref. (NAL Call No.:  
HD9000.A1J68).

# GRADING, STANDARDS, LABELLING

0018

**Aflatoxigenic potential of dried figs, apricots, pineapples, and raisins (Contamination).**  
Morton, S.G. Eadie, T. Arlington, Va.  
Journal Association of Official Analytical Chemists. July 1979. v. 62 (4). p. 958-962.  
ill. 22 ref. (NAL Call No.: 381 AS7).

0019

**Chemical inactivation of the heat-tolerant pectolytic enzymes (of fungal origin) in raw apricots which cause softening of the canned product.**  
Sommer, N.F. Buchanan, J.R. St. Joseph, Mich.  
Journal American Society for Horticultural Science. Nov 1978. v. 103 (6). p. 762-767. ill.  
12 ref. (NAL Call No.: 81 S012).

0020

**Microbial assessment of pasteurized-refrigerated peach halves in transparent pouches.**  
Bates, R.P. Alcantara, L. Lake Alfred.  
Proceedings of the ... annual meeting Florida State Horticultural Society. 1978 (pub. 1979). v. 91. p. 114-117. ill. 13 ref. (NAL Call No.: 81 F66).

0021

**Quality and postharvest behavior of once-over harvested clingstone peaches treated with daminozide.**  
Morris, J.R. Ray, L.D. St. Joseph, Mich.  
Journal American Society for Horticultural Science. Nov 1978. v. 103 (6). p. 716-722. ill.  
23 ref. (NAL Call No.: 81 S012).

0022

**Quality of frozen peas and peaches subjected to elevated temperatures during simulated retail and consumer handling.**  
Cook, A. Davis, C. Hyattsville, Md., Food Distribution Research Society. Journal of food distribution research. Sept 1978. v. 9 (3). p. 23-30. ill. 7 ref. (NAL Call No.: HD9000.A1J68).

0023

**The relation of leaf area to the size and quality of 'Santa Rosa' plum (Chemical composition and dessert quality).**  
Mishra, K.A. Calcutta. Food farming and agriculture. Nov 1978. v. 10 (5). p. 161-162.  
ill. 4 ref. (NAL Call No.: S19.F63).

0024

**Studies on the effect of N P K (nitrogen, phosphorus, potassium) on the growth, yield and quality of Santa Rosa Plum.**  
Bajwa, M.S. Chadha, K.L. New Delhi. Indian journal of horticulture. June 1978. v. 35 (2). p. 91-99. ill. 25 ref. (NAL Call No.: 80 IN2).

# FARM

0025

Quality of frozen peas and peaches subjected to elevated temperatures during simulated retail and consumer handling.

Cook, A. Davis, C. Hyattsville, Md., Food Distribution Research Society. Journal of food distribution research. Sept 1978. v. 9 (3). p. 23-30. ill. 7 ref. (NAL Call No.: HD9000.A1J68).

# PLANT PRODUCTION - HORTICULTURAL CROPS

0026

**Apple and peach varieties for Oklahoma (Susceptibility to bacterial leafspot).**  
Taylor, G. Smith, M. Stillwater, O.S.U. extension facts. Science serving agriculture Oklahoma State University. Cooperative Extension Service. Mar 1979. Mar 1979. (6210). 2 p. ill. (NAL Call No.: S544.3.0505).

0027

**Apricots for New York State (Cultivation and variety performance, pests and diseases).**  
Lamb, R.C. Stiles, W.C. Geneva, N.Y. : New York (State), Agricultural Experiment Station, Geneva. New York's food and life sciences bulletin. 1983. 1983. (100). 4 p. ill. Includes references. (NAL Call No.: S95.E22).

0028

**AU-Roadside, an excellent quality plum for home use and local markets (Varieties, performance, yields, disease resistance).**  
Norton, J.D. Snell, J.M.; Smith, D.A.; Rymal, K.S. Auburn, Ala. : The Station. Circular - Alabama Agricultural Experiment Station. May 1984. May 1984. (271). 10 p. ill. (NAL Call No.: 100 AL1S (2)).

0029

**Bloom control of peaches and nectarines in mild climates (Florida and south Georgia).**  
Gilreath, P.R. Buchanan, D.W. Martinsburg, W. Va., The Council. Proceedings ... annual convention National Peach Council. National Peach Council. 1980. 1980. (39th). p. 43-50. ill. 7 ref. (NAL Call No.: SB371.N3).

0030

**Commercial prune production in British Columbia (Varieties, soil management, pruning, pests, diseases, harvesting).**  
Price, J.B. Victoria, B.C. PublicationBritish Columbia. Dept. of Agriculture. 1978. 1978. (78-5). 19 p. ill. 25 ref. (NAL Call No.: 7 B77P).

0031

**Continuing the battle against 'peach tree short life'.**  
Taylor, J.C. Woodward, R.S. Baton Rouge, The Station. Louisiana agriculture. Louisiana. Agricultural Experiment Station. Fall 1979. v. 23 (1). p. 4-5. ill. (NAL Call No.: 100 L939).

0032

**Control of peach tree growth and productivity by regulated water supply, tree density, and summer pruning (Trickle irrigation).**  
Chalmers, D.J. Mitchell, P.D.; Van Heek, L. Alexandria, Va., The Society. Journal of the American Society for Horticultural Science. May 1981. v. 106 (3). p. 307-312. 19 ref. (NAL Call No.: 81 S012).

0033

**Crop control (Mechanical thinning, prunes, plums, Prunus, California).**  
Fitch, L.B. Stockton, Ca., Diamond/Sunsweet Inc. Diamond/Sunsweet news. Apr/May 1980. v. 2 (2). p. 4-5, 41. ill. (NAL Call No.: SB401.A1D5).

0034

**Effect of uneven maturity on the mechanical harvesting of peaches.**  
Bilanski, W.K. Menzies, D.R. St. Joseph, Mich. : American Society of Agricultural Engineers, c1984. Fruit, nut, and vegetable harvesting mechanization : proceedings, International Symposium on Fruit ... Mechanization, Oct 5-12, 1983, Volcani Center, Bet Dagan, Israel / Institute of Agricultural Engi. p. 357-363. Includes 7 references.

0035

**The effects of drip irrigation and soil fumigation (to control Macroposthonia xenoplax) on 'Redglobe' peach yields and growth.**  
Horton, B.D. Wehunt, E.J.; Edwards, J.H.; Bruce, R.R.; Chesnee, J.L. Alexandria, Va., The Society. Journal of the American Society for Horticultural Science. July 1981. v. 106 (4). p. 438-443. 18 ref. (NAL Call No.: 81 S012).

0036

**Effects of ethephon and gibberellic acid on thinning peaches (Phytotoxicity).**  
Young, E. Edgerton, L.J. Alexandria, Va., American Society for Horticultural Science. HortScience. Dec 1979. v. 14 (6). p. 713-714. ill. 10 ref. (NAL Call No.: SB1.H6).

0037

**Effects of glyphosate on peach tree growth and fruiting (Herbicides, weed control, Florida).**  
Aldrich, J.H. Arnold, C.E. Alexandria, Va. : American Society for Horticultural Science. HortScience. Aug 1984. v. 19 (4). p. 540-542. Includes 20 references. (NAL Call No.: SB1.H6).

(PLANT PRODUCTION - HORTICULTURAL CROPS)

0038

Growth and yield response of peaches from fumigating new orchards on "short life" sites. Williams, H.C. Dozier, W.A. Jr.; Evans, C.E. Auburn, The Station. Highlights of agricultural research - Alabama, Agricultural Experiment Station. Winter 1981. v. 28 (4). p. 4. ill. (NAL Call No.: 100 AL1H).

0039

Growth, survival, and weed control in peaches receiving repeated herbicide applications. Coffey, D.L. Lockwood, D.W. Knoxville, The Station. Tennessee farm and home science - Tennessee Agricultural Experiment Station. Jan/Mar 1981. Jan/Mar 1981. (117). p. 17-19. ill. 3 ref. (NAL Call No.: 100 T25F).

0040

Homeowner peach & plum insect and disease control.

Brook, T.S. Haygood, R.A. State College : The Service. Publication - Cooperative Extension Service, Mississippi State University. Sept 1983. Sept 1983. (568). 2 p. ill. (NAL Call No.: 275.29 M68EXT).

0041

Incompatibility between apricot and *Prunus tomentosa* seedlings (Apricot cultivars used as virus indicators in the IR-2 virus-free scheme).

Fridlund, P.R. University Park, Pa., American Pomological Society. Fruit varieties journal. July 1979. v. 33 (3). p. 90-91. ill. (NAL Call No.: 80 F9464).

0042

Location of three fruit-related abscission zones in peach (Sites controlling naturally and chemically induced fruit drop).

Nelson, J.B. Arnold, C.E.; Aldrich, J.H.; Anderson, L.C. Alexandria, Va. : The Society. Journal of the American Society for Horticultural Science. Sept 1984. v. 109 (5). p. 672-676. ill. Includes 18 references. (NAL Call No.: 81 S012).

0043

Managing peach tree short life in South Carolina (Pest Management Program).

Gilliam, J.W. Martinsburg, W. Va. Proceedings ... annual convention National Peach Council. 1978. 1978. (37). p. 27-29. (NAL Call No.: SB371.N3).

0044

A new integrated crop management approach for peach production in the Northeast (USA, pest control).

Stouffer, R.F. Martinsburg, W. Va. : The Council. Proceedings ... annual convention - National Peach Council. 1983. 1983. (42nd). p. 57-59. (NAL Call No.: SB371.N3).

0045

Peach culture in Michigan.

Johnson, Stanley. Larsen, R. Paul. Document available from: Michigan State Univ., Bulletin Office, P.O. Box 231, East Lansing, Michigan 48824 1971. This discusses Michigan peach cultures including site selection, nursery stock, training young trees, thinning, soil management, and insect and disease control. 21 p. : ill. (NAL Call No.: Document available from source.).(NAL Call No.: Extension Bulletin 509).

0046

Peach orchard floor management (Weed control, herbicide systems).

Welker, W.V. College Park : Maryland State Horticultural Society. Maryland fruit grower. 1983. 1983. (suppl.). p. 51-53. (NAL Call No.: 80 M36).

0047

Peach thinning with surfactants and fertilizers.

Byers, R.E. Lyons, C.G. Jr. Martinsburg, W. Va. : The Council. Proceedings ... annual convention - National Peach Council. 1983. 1983. (42nd). p. 83. Includes references. (NAL Call No.: SB371.N3).

0048

Propagation and cultivation of *Prunus laurocerasus 'Schipkaensi'*.

Adams, G. Boulder : The Society. Combined proceedings - International Plant Propagators' Society. 1983 (pub. 1984). v. 33. p. 547-550. Includes 1 references.

0049

Pruning technique affects dieback and *Cytospora* infection in peach trees (*Prunus persica*).

Wilson, C.L. Miller, S.S.; Otto, B.E.; Eldridge, B.J. Alexandria, Va. : American Society for Horticultural Science. HortScience. Apr 1984. v. 19 (2). p. 251-253. ill. Includes references. (NAL Call No.: SB1.H6).

(PLANT PRODUCTION - HORTICULTURAL CROPS)

0050

Rootstock influence on growth, yield, and survival of 'Loring' peach trees on an old peach site (Cold injury, bacterial and perennial cankers, nematodes, time of pruning, nutrition, and soil, in the southeastern United States).

Dozier, W.A. Jr. JOSHB. Carlton, C.C.; Short, K.C.; Snell, J.M.; McGuire, J.A.; Evans, C.E. Alexandria : The Society. Journal of the American Society for Horticultural Science. Mar 1983. v. 108 (2). p. 250-252. Includes references. (NAL Call No.: 81 S012).

0051

Sprout control of nonbearing peach with NAA (Naphthaleneacetic acid).

Aldrich, J.H. Arnold, C.E. Alexandria, Va., American Society for Horticultural Science. HortScience. June 1982. v. 17 (3). p. 378-379. 8 ref. (NAL Call No.: SB1.H6).

0052

Studies on the effect of N P K (nitrogen, phosphorus, potassium) on the growth, yield and quality of Santa Rosa Plum.

Bajwa, M.S. Chadha, K.L. New Delhi. Indian journal of horticulture. June 1978. v. 35 (2). p. 91-99. ill. 25 ref. (NAL Call No.: 80 IN2).

0053

Survival, growth, and yield of peach trees as affected by rootstocks (Redhaven and Loring scion cultivars tested in Alabama, Arkansas, Georgia, North Carolina, and South Carolina, resistant to root-knot nematodes, *Meloidogyne spp.*, ring nematodes, *Criconemella xenoplax*). Dozier, W.A. Jr. Knowles, J.W.; Carlton, C.C.; Rom, R.C.; Arrington, E.H. Alexandria : American Society for Horticultural Science. HortScience. Feb 1984. v. 19 (1). p. 26-30. ill. Includes references. (NAL Call No.: SB1.H6).

0054

Taste a real plum (Includes varieties, includes insect and fungal diseases).

Kane, M. Emmaus : Rodale Press. Organic gardening. Feb 1984. v. 31 (2). p. 106-112. ill. (NAL Call No.: 57.8 OR32).

# PLANT BREEDING

0055

**Apricots for New York State (Cultivation and variety performance, pests and diseases).**  
Lamb, R.C. Stiles, W.C. Geneva, N.Y. : New York (State), Agricultural Experiment Station, Geneva. New York's food and life sciences bulletin. 1983. 1983. (100). 4 p. ill. Includes references. (NAL Call No.: S95.E22).

0056

**AU-Roadside, an excellent quality plum for home use and local markets (Varieties, performance, yields, disease resistance).**  
Norton, J.D. Snell, J.M.; Smith, D.A.; Rymal, K.S. Auburn, Ala. : The Station. Circular - Alabama Agricultural Experiment Station. May 1984. May 1984. (271). 10 p. ill. (NAL Call No.: 100 AL1S (2)).

0057

**Cold hardiness of peaches and nectarines following a test winter (in southern Ontario, breeding, cold injury).**  
Layne, R.E.C. University Park : American Pomological Society. Fruit varieties journal. Oct 1982. v. 36 (4). p. 90-98. 10 ref. (NAL Call No.: 80 F9464).

0058

**Description and postharvest physiology of some slow-ripening nectarine genotypes (Resistance to low temperature breakdown, ethylene production).**  
Brecht, J.K. Kader, A.A.; Ramming, D.W. Alexandria, Va. : The Society. Journal of the American Society for Horticultural Science. Sept 1984. v. 109 (5). p. 596-600. ill. Includes 10 references. (NAL Call No.: 81 S012).

0059

**'Durbin' nectarine (New cultivar, resistant to Xanthomonas pruni and Monilinia fructicola).**  
Prince, V.E. Okie, W.R. Alexandria, Va., American Society for Horticultural Science. HortScience. June 1981. v. 16 (3). p. 348. ill. (NAL Call No.: SB1.H6).

0060

**Dwarf peach tree ((variety) 54-P-455)**  
(Freestone fruit, medium shipping and keeping quality, dessert quality, normal resistance to insects and diseases).  
Anderson, F.W. Washington, D.C., The Office. United States patent. Plant - United States Patent and Trademark Office. Oct 17, 1978. Oct 17, 1978. (4317). 2 p. plate. (NAL Call No.: 156.65 P69).

0061

**Field resistance of peach cultivars to gummosis disease (Botryosphaeria dothidea).**  
Daniell, J.W. Chandler, W.A. Alexandria, Va., American Society for Horticultural Science. HortScience. June 1982. v. 17 (3). p. 375-376. 8 ref. (NAL Call No.: SB1.H6).

0062

**'Hargrand' apricot (Varieties, breeding for cold hardiness and disease resistance).**  
Layne, R.E.C. Alexandria, Va., American Society for Horticultural Science. HortScience. Feb 1981. v. 16 (1). p. 98-100. ill. 3 ref. (NAL Call No.: SB1.H6).

0063

**'Harlayne' apricot (Varieties, breeding for cold hardiness and disease resistance).**  
Layne, R.E.C. Alexandria, Va., American Society for Horticultural Science. HortScience. Feb 1981. v. 16 (1). p. 97-98. ill. 4 ref. (NAL Call No.: SB1.H6).

0064

**Location of three fruit-related abscission zones in peach (Sites controlling naturally and chemically induced fruit drop).**  
Nelson, J.B. Arnold, C.E.; Aldrich, J.H.; Anderson, L.C. Alexandria, Va. : The Society. Journal of the American Society for Horticultural Science. Sept 1984. v. 109 (5). p. 672-676. ill. Includes 18 references. (NAL Call No.: 81 S012).

0065

**Nectarine tree ((variety) 44-G-520) (Clingstone fruit for market and dessert use, good keeping quality, normal resistance to insects and disease, good shipping quality).**  
Anderson, F.W. Washington, D.C., The Office. United States patent. Plant - United States Patent and Trademark Office. Oct 17, 1978. Oct 17, 1978. (4318). 2 p. plate. (NAL Call No.: 156.65 P69).

0066

**Nectarine tree (43-G-587) (Varieties, fruit of a firmness which permits long distance shipping and provides substantial shelf life, normal resistance to insects and diseases).**  
Anderson, F.W. Washington, D.C., The Office. United States patent. Plant - United States Patent and Trademark Office. July 10, 1979. July 10, 1979. (4435). 2 p. plate. (NAL Call No.: 156.65 P69).

(PLANT BREEDING)

0067

Peach cultivar (Late maturing yellow freestone peach, large round firm fruit, bright red skin color, improved tolerance to common bacterial leaf spot disease).

Bailey, C.H. Hough, L.F. (n.p.), The Office. Plant patent - United States Patent Office. July 15, 1980. July 15, 1980. (4572). 2 p. plate. (NAL Call No.: 156.65 P69).

Kurakata, E. Washington, D.C., The Office. United States patent. Plant - United States Patent and Trademark Office. June 5, 1979. June 5, 1979. (4423). 3 p. plate. (NAL Call No.: 156.65 P69).

0068

Peach orchard floor management (Soil, weed control, irrigation).

Rom, R.C. Martinsburg, W. Va. Proceedings ... annual conventionNational Peach Council. 1978. 1978. (37). p. 29-31. (NAL Call No.: SB371.N3).

0073

A 10-year evaluation of peach variety susceptibility to Cytospora canker and other diseases with harvest data comparisons (Cytospora leucostoma or Leucostoma personii).

Luepschen, N.S. Ft. Collins, Colo., The Station. Progress report - Colorado State University Experiment Station. Jan 1981. Jan 1981. (1). 2 p. (NAL Call No.: 100 C71C).

0069

Peach tree (Varieties, freestone fruit, good resistance to insects and disease, market and dessert use, good shipping and keeping quality).

Merrill, G. Washington, D.C., The Office. United States patent. Plant - United States Patent and Trademark Office. Mar 20, 1979. Mar 20, 1979. (4399). 2 p. plate. (NAL Call No.: 156.65 P69).

0070

Peach tree (Varieties, freestone fruit, yellow flesh, good resistance to insects and diseases, good shipping and keeping quality, market and dessert use).

Merrill, G. Washington, D.C., The Office. United States patent. Plant - United States Patent and Trademark Office. Mar 20, 1979. Mar 20, 1979. (4398). 2 p. plate. (NAL Call No.: 156.65 P69).

0071

Plum tree ((variety) 25-P-40) (Clingstone fruit, use for market, dessert, canning, normal resistance to insects and disease, very good keeping quality, good to medium shipping quality).

Anderson, F.W. Washington, D.C., The Office. United States patent. Plant - United States Patent and Trademark Office. Oct 17, 1978. Oct 17, 1978. (4316). 2 p. plate. (NAL Call No.: 156.65 P69).

0072

Yellow peach tree (Variety name Kurakata Yellow, great amount of fruit with sturdy skin, strong resistance to usual peach diseases, clingstone, flesh is yellow in color and delicate in texture with distinctive good flavor).

# PLANT STRUCTURE

0074

**Location of three fruit-related abscission zones in peach (Sites controlling naturally and chemically induced fruit drop).**

Nelson, J.B. Arnold, C.E.; Aldrich, J.H.;  
Anderson, L.C. Alexandria, Va. : The Society.  
Journal of the American Society for  
Horticultural Science. Sept 1984. v. 109 (5).  
p. 672-676. ill. Includes 18 references. (NAL  
Call No.: 81 S012).

# PLANT NUTRITION

0075

**Effect of rootstock on survival, yield, and foliar nutrient content of peach trees (Grafted trees, disease syndromes causing premature death).**

Knowles, J.W. Dozier, W.A. Jr. Auburn, Ala. : The Station. Highlights of agricultural research - Alabama, Agricultural Experiment Station. Fall 1983. v. 30 (3). p. 16. ill. (NAL Call No.: 100 AL1H).

0076

**Root cyanogenesis of Prunus species (peach) as affected by respiratory inhibitors and some chemicals.**

Mizutani, F. Sugiura, A. Tokyo, Engei Gakkai. Engei Gakkai zasshi Journal of the Japanese Society for Horticultural ScienceEngei Gakkai. Mar 1979. v. 47 (4). p. 443-447. ill. 18 ref. (NAL Call No.: 87 H78).

# PLANT PHYSIOLOGY AND BIOCHEMISTRY

0077

**Cold hardiness of peaches and nectarines following a test winter (in southern Ontario, breeding, cold injury).**

Layne, R.E.C. University Park : American Pomological Society. Fruit varieties journal. Oct 1982. v. 36 (4). p. 90-98. 10 ref. (NAL Call No.: 80 F9464).

0078

**Computer-controlled temperature chambers for plant-environment studies (Peach and blueberry chilling requirements, cold hardiness, soil temperature).**

Gilreath, P.R. Rippetoe, L.W.; Buchanan, D.W. Alexandria, Va., American Society for Horticultural Science. HortScience. Feb 1982. v. 17 (1). p. 39. ill. Includes 2 ref. (NAL Call No.: SB1.H6).

0079

**Description and postharvest physiology of some slow-ripening nectarine genotypes (Resistance to low temperature breakdown, ethylene production).**

Brecht, J.K. Kader, A.A.; Ramming, D.W. Alexandria, Va. : The Society. Journal of the American Society for Horticultural Science. Sept 1984. v. 109 (5). p. 596-600. ill. Includes 10 references. (NAL Call No.: 81 S012).

0080

**The effect of (peach) orchard heaters on air movement and temperature.**

Fox, R.D. OH-AR-NC. Brazee, R.D.; Ferree, D.C. Wooster, Ohio, The Center. Research circular - Ohio Agricultural Research and Development Center. Aug 1980. Aug 1980. (259). p. 20-24. ill. 3 ref. (NAL Call No.: 100 OH3R).

0081

**The effects of ice nucleation-active bacteria on temperatures of ice nucleation and freeze injury of *Prunus* flower buds at various stages of development (Cold hardiness, supercooling, *Pseudomonas syringae*).**

Proebsting, E.L. Jr. Andrews, P.K. Alexandria, Va. : The Society. Journal of the American Society for Horticultural Science. May 1984. v. 109 (3). p. 375-380. ill. Includes references. (NAL Call No.: 81 S012).

0082

**Ethylene and ethane production and electrolyte leakage of water-stressed 'Pixy' plum leaves (Injuries, hardiness).**

Kobayashi, K. Fuchigami, L.H.; Brainerd, K.E. Alexandria, Va., American Society for Horticultural Science. HortScience. Feb 1981. v. 16 (1). p. 57-59. 23 ref. (NAL Call No.: SB1.H6).

0083

**Leaf conductance, growth, and survival of willow and deciduous fruit tree species under flooded soil conditions (Waterlogging tolerance, Quince, apple, peach, and *Pyrus* species).**

Andersen, P.C. Lombard, P.B.; Westwood, M.N. Alexandria, Va. : The Society. Journal of the American Society for Horticultural Science. Mar 1984. v. 109 (2). p. 132-138. ill. Includes references. (NAL Call No.: 81 S012).

0084

**Physiological dwarfing of peach with mefluidide (Growth regulators, phytotoxicity).**

Arnold, C.E. Aldrich, J.H.; Cornell, J.A. Alexandria, Va., American Society for Horticultural Science. HortScience. Apr 1981. v. 16 (2). p. 170-171. ill. 6 ref. (NAL Call No.: SB1.H6).

0085

**Relationship of deep supercooling and dehydration resistance to freezing injury in dormant stem tissues of "Starkrimson Delicious" apple and "Siberian C" peach.**

Quamme, H.A. Chen, P.M.; Gusta, L.V. Alexandria, Va., The Society. Journal of the American Society for Horticultural Science. Mar 1982. v. 107 (2). p. 299-304. Includes 16 ref. (NAL Call No.: 81 S012).

# PROTECTION OF PLANTS

0086

The "A" to "Z" on peach tree short life (Causes, prevention).  
Savage, E.F. Martinsburg, W. Va. Proceedings ... annual convention National Peach Council. 1978. 1978. (37). p. 31-33. (NAL Call No.: SB371.N3).

0087

Apricots for New York State (Cultivation and variety performance, pests and diseases).  
Lamb, R.C. Stiles, W.C. Geneva, N.Y. : New York (State), Agricultural Experiment Station, Geneva. New York's food and life sciences bulletin. 1983. 1983. (100). 4 p. ill. Includes references. (NAL Call No.: S95.E22).

0088

Biological control (mainly by the funugs *Dactylinea oviparasitica*) of root-knot nematodes (*Meloidogyne spp.*) on peach.  
Stirling, G.R. McKenry, M.V. St. Paul, Minn., American Phytopathological Society. *Phytopathology*. Aug 1979. Aug 1979. . 69 (8). p. 806-809. ill. 25 ref. (NAL Call No.: 464.8 P56).

0089

Commercial prune production in British Columbia (Varieties, soil management, pruning, pests, diseases, harvesting).  
Price, J.B. Victoria, B.C. Publication British Columbia. Dept. of Agriculture. 1978. 1978. (78-5). 19 p. ill. 25 ref. (NAL Call No.: 7 B77P).

0090

Continuing the battle against 'peach tree short life'.  
Taylor, J.C. Woodward, R.S. Baton Rouge, The Station. Louisiana agriculture. Louisiana. Agricultural Experiment Station. Fall 1979. v. 23 (1). p. 4-5. ill. (NAL Call No.: 100 L939).

0091

Control peach diseases with these management tips.  
McGlohon, N.E. Willoughby, Ohio : Meister Publishing Company. American fruit grower. Mar 1984. v. 104 (3). p. 60, 63. (NAL Call No.: 80 G85).

0092

Determining T50 of peach flower buds with exotherm analysis (Cold injury, resistance).  
Proebsting, E.L. Jr. Sakai, A. Alexandria, Va., American Society for Horticultural Science. *HortScience*. Oct 1979. v. 14 (5). p. 597-598. ill. 1 ref. (NAL Call No.: SB1.H6).

0093

Dwarf peach tree ((variety) 54-P-455) (Freestone fruit, medium shipping and keeping quality, dessert quality, normal resistance to insects and diseases).  
Anderson, F.W. Washington, D.C., The Office. United States patent. Plant - United States Patent and Trademark Office. Oct 17, 1978. Oct 17, 1978. (4317). 2 p. plate. (NAL Call No.: 156.65 P69).

0094

Effects of ethylene diurea and ozone on the growth of tree seedlings (*Fraxinus americana*, *Prunus serotina*, air pollution injuries).  
McClenahan, J.R. Beltsville, Md., Science and Education Administration, U.S. Dept. of Agriculture. *Plant disease reporter*. Apr 1979. v. 63 (4). p. 320-323. ill. 16 ref. (NAL Call No.: 1.9 P69P).

0095

Evaluation of hot-water injury to peaches.  
Phillips, D.J. St. Paul, Minn., American Phytopathological Society. *Phytopathology*. Sept 1979. v. 69 (9). p. 1042. (NAL Call No.: 464.8 P56).

0096

Illinois peach orchard nematode survey.  
Ries, S.M. Noel, G.R. n.p. *Transactions Illinois State Horticultural Society*. 1978. v. 112. p. 22-24. 10 ref. (NAL Call No.: 81 IL6).

0097

Influence of chilling on electrolyte leakage and internal conductivity of peach fruits (Low temperature injury).  
Furmanski, R.J. Buescher, R.W. Mt. Vernon, Va., American Society for Horticultural Science. *HortScience*. Apr 1979. v. 14 (2). p. 167-168. ill. 13 ref. (NAL Call No.: SB1.H6).

(PROTECTION OF PLANTS)

0098

**Integrated pest control (program) cut (peach and apple) grower's cost.**  
Knisley, J. Delhi, Ontario, Cash Crop Farming Publications Limited. Canadian fruitgrower. July 1979. v. 35 (7). p. 19-20. ill. (NAL Call No.: 80 C165).

0099

**Is there a crop doctor in the house?.**  
Brittain, J.A. Gorsuch, C.; Miller, R.W. Washington, D.C. : The Administration. Extension review - United States Department of Agriculture, Science and Education Administration. Fall 1984. v. 55 (4). p. 32-33. ill.

0100

**Managing peach tree short life in South Carolina (Pest Management Program).**  
Gilliam, J.W. Martinsburg, W. Va. Proceedings ... annual conventionNational Peach Council. 1978. 1978. (37). p. 27-29. (NAL Call No.: SB371.N3).

0101

**Mode of parasitism of Meloidogyne (from peach orchards) and other nematode eggs by (the fungus) Dactylella oviparasitica.**  
Stirling, G.R. Mankau, R. Ames, Iowa, Society of Nematologists. Journal of nematology. July 1979. v. 11 (3). p. 282-288. ill. 13 ref. (NAL Call No.: QL391.N4J62).

0102

**Nectarine tree ((variety) 44-G-520) (Clingstone fruit for market and dessert use, good keeping quality, normal resistance to insects and disease, good shipping quality).**  
Anderson, F.W. Washington, D.C., The Office. United States patent. Plant - United States Patent and Trademark Office. Oct 17, 1978. Oct 17, 1978. (4318). 2 p. plate. (NAL Call No.: 156.65 P69).

0103

**Nectarine tree (43-G-587) (Varieties, fruit of a firmness which permits long distance shipping and provides substantial shelf life, normal resistance to insects and diseases).**  
Anderson, F.W. Washington, D.C., The Office. United States patent. Plant - United States Patent and Trademark Office. July 10, 1979. July 10, 1979. (4435). 2 p. plate. (NAL Call No.: 156.65 P69).

0104

**New Harrow peach varieties: tree mortality and disease susceptibility under Colorado conditions (Sunscald, Cytospora canker, Coryneum blight).**  
Luepschen, N.S. Dickens, L.E. Ft. Collins. Progress reportColorado. Experiment Station. May 1977. May 1977. (19). 2 p. ill. (NAL Call No.: 100 C71C).

0105

**A new integrated crop management approach for peach production in the Northeast (USA, pest control).**  
Stouffer, R.F. Martinsburg, W. Va. : The Council. Proceedings ... annual convention - National Peach Council. 1983. 1983. (42nd). p. 57-59. (NAL Call No.: SB371.N3).

0106

**Peach disease and insect control in North Carolina.**  
Smith, C.F. Clayton, C.N. Raleigh. AGNorth Carolina State University. Agricultural Extension Service. Nov 1978. Nov 1978. (146). 23 p. ill. (NAL Call No.: S544.3.N6N62).

0107

**Peach nursery certification for stronger orchards (Phytosanitation).**  
Fridlund, P.R. Martinsburg, W. Va. Proceedings ... annual conventionNational Peach Council. 1978. 1978. (37). p. 7-9. (NAL Call No.: SB371.N3).

0108

**Peach tree (Varieties, freestone fruit, good resistance to insects and disease, market and dessert use, good shipping and keeping quality).**  
Merrill, G. Washington, D.C., The Office. United States patent. Plant - United States Patent and Trademark Office. Mar 20, 1979. Mar 20, 1979. (4399). 2 p. plate. (NAL Call No.: 156.65 P69).

0109

**Peach tree (Varieties, freestone fruit, yellow flesh, good resistance to insects and diseases, good shipping and keeping quality, market and dessert use).**  
Merrill, G. Washington, D.C., The Office. United States patent. Plant - United States Patent and Trademark Office. Mar 20, 1979. Mar 20, 1979. (4398). 2 p. plate. (NAL Call No.: 156.65 P69).

## (PROTECTION OF PLANTS)

0110

Plum tree ((variety) 25-P-40) (Clingstone fruit, use for market, dessert, canning, normal resistance to insects and disease, very good keeping quality, good to medium shipping quality).

Anderson, F.W. Washington, D.C., The Office. United States patent. Plant - United States Patent and Trademark Office. Oct 17, 1978. Oct 17, 1978. (4316). 2 p. plate. (NAL Call No.. 156.65 P69).

0111

Propagation and cultivation of *Prunus laurocerasus 'Schipkaensi'*.

Adams, G. Boulder : The Society. Combined proceedings - International Plant Propagators' Society. 1983 (pub. 1984). v. 33. p. 547-550. Includes 1 references.

0112

Relative freezing injury to (cultivars) 'Velvet', 'Redhaven', and 'Siberian C' peaches following controlled freezer tests (for cold hardiness) at selected dates during two winters.

Cain, D.W. Andersen, R.L. Mount Vernon, Va., The Society. Journal American Society for Horticultural Science. Nov 1979. v. 104 (6). p. 839-843. ill. 20 ref. (NAL Call No.: 81 S012).

0113

Response of peach seedlings to calcium concentration in nutrient solution (Deficiency symptoms).

Edwards, J.H. Horton, B.D. St. Joseph, Mich. Journal American Society for Horticultural Science. Jan 1979. v. 104 (1). p. 97-99. ill. 11 ref. (NAL Call No.: 81 S012).

0114

Root cyanogenesis of *Prunus* species (peach) as affected by respiratory inhibitors and some chemicals.

Mizutani, F. Sugiura, A. Tokyo, Engei Gakkai. Engei Gakkai zasshi Journal of the Japanese Society for Horticultural Science Engei Gakkai. Mar 1979. v. 47 (4). p. 443-447. ill. 18 ref. (NAL Call No.: 87 H78).

0115

Rootstock influence on growth, yield, and survival of 'Loring' peach trees on an old peach site (Cold injury, bacterial and perennial cankers, nematodes, time of pruning, nutrition, and soil, in the southeastern United States).

Dozier, W.A. Jr. JOSHB. Carlton, C.C.; Short,

K.C.; Snell, J.M.; McGuire, J.A.; Evans, C.E. Alexandria : The Society. Journal of the American Society for Horticultural Science. Mar 1983. v. 108 (2). p. 250-252. Includes references. (NAL Call No.: 81 S012).

0116

Soil fumigation for nematode control in peach site replanting.

Wehunt, E.J. n.p. Transactions Illinois State Horticultural Society. 1978. v. 112. p. 33-36. 20 ref. (NAL Call No.: 81 IL6).

0117

Stunting of peach seedlings following soil fumigation (with methyl bromide-chloropicrin). Lambert, D.H. Stouffer, R.F. Mount Vernon, Va. Journal American Society for Horticultural Science. July 1979. v. 104 (4). p. 433-435. ill. 16 ref (NAL Call No.: 81 S012).

0118

Temperature and moisture effects on wood injury of cold-stressed 'Siberian C' and 'Redhaven' peaches.

Cain, D.W. Andersen, R.L. Mt. Vernon, Va., American Society for Horticultural Science. HortScience. Aug 1979. v. 14 (4). p. 518-519. 16 ref. (NAL Call No.: SB1.H6).

0119

1980 Missouri commercial peach spray schedule (Pesticides).

Steiner, P.W. Shaffer, W.H.; Craig, W.S.; Gaus, A.E. Columbia, Mo., The Division. MP - University of Missouri Extension Division. Jan 1980. Jan 1980. (265). 2 p. (NAL Call No.: S81.A2M5).

0120

1984 Missouri commercial peach spray schedule (Pesticide application, disease and pest control).

Shaffer, W.H. Palm, E.W.; Craig, W.S.; Gaus, A.E.; Hemphill, D.D.; Moore, J.F.; Townsend, H. Columbia, Mo. : University of Missouri. MP - University of Missouri Extension Division. Jan 1984. Jan 1984. (265). 4 p. (NAL Call No.: S81.A2M5).

# PESTS OF PLANTS - GENERAL AND MISC.

0121

How our company views pine mouse control (in apple, peach orchard, Pennsylvania).  
Showalter, H.L. Winchester, Va. : R.E. Byers.  
Proceedings of the ... Eastern Pine and Meadow Vole Symposium. 1977. 1977. (1st). p. 4-5. (NAL Call No.: SB605.U6E3).

0122

Peach and nectarine spray guide (Fungicides, insecticides, bactericides, acaricides, herbicides).  
Ritchie, D.F. Sorensen, K.A.; Meyer, J.R.; Skroch, W.A. Raleigh : The Service. AG - North Carolina Agricultural Extension Service, North Carolina State University. Jan 1983. Jan 1983. (146suppl.,rev.). 13 p. (NAL Call No.: S544.3.N6N62).

0123

Peach diseases and insects in North Carolina (Identification, control).  
Meyer, J.R. Ritchie, D.F. Raleigh : The Service. AG - North Carolina Agricultural Extension Service, North Carolina State University. Feb 1983. Feb 1983. (146rev.). 16 p. ill. (NAL Call No.: S544.3.N6N62).

0124

Poor anchorage of deeply planted peach trees (Wind injury followed by excessive soil moisture and pathogenic conditions).  
Lyons, C.G. Jr. Yoder, K.S. Alexandria, Va.. American Society for Horticultural Science. HortScience. Feb 1981. v. 16 (1). p. 49-51. 4 ref. (NAL Call No.: SB1.H6).

# PESTS OF PLANTS - INSECTS

0125

Absence of genetic variability in the green peach aphid, *Myzus persicae* (Homoptera: Aphididae).  
May, B. Holbrook, F.R. College Park, Md. Annals Entomological Society of America. Nov 1978. v. 71 (6). p. 809-812. ill. 26 ref. (NAL Call No.: 420 EN82).

0126

Adult and larval population fluctuation of *Anastrepha fraterculus* and its relationship to host availability (Guava, peach and loquat). Malavasi, A. Morgante, J.S. College Park, Md., Entomological Society of America. Environmental entomology. June 1981. v. 10 (3). p. 275-278. ill. 9 ref. (NAL Call No.: QL461.E532).

0127

Ambrosia beetles: a potential pest of peaches (in the United States). Gorsuch, C.S. Martinsburg, W. Va. : The Council. Proceedings ... annual convention - National Peach Council. 1984. 1984. (43rd). p. 1-3. (NAL Call No.: SB371.N3).

0128

Analysis of stress sounds produced by the plum curculio, *Conotrachelus nenuphar* (Herbst) (Coleoptera: Curculionidae). Webb, J.C. AR-50. Calkins, C.O.; Carlyle, T.; Benner, J. Athens, Ga., The Society. Journal of the Georgia Entomological Society. Oct 1980. v. 15 (4). p. 419-427. ill. 12 ref. (NAL Call No.: QL461.G4).

0129

Bioassay of *Metarrhizium anisopliae*, *Beauveria bassiana*, and *Neoplectana carpocapsae* against larvae of the plum curculio, *Conotrachelus nenuphar* (Herbst) (Coleoptera: Curculionidae) (Biological control with fungi and nematode). Tedders, W.L. Weaver, D.J.; Wehunt, E.J.; Gentry, C.R. College Park, Md., Entomological Society of America. Environmental entomology. Aug 1982. v. 11 (4). p. 901-904. 12 ref. (NAL Call No.: QL461.E532).

0130

Biological characteristics that make the lesser peachtree borer (Lepidoptera: Sesiidae) a pest on peach trees (Synanthedon pictipes, USA). Meyer, R.H. GRLEA. East Lansing : Michigan Entomological Society. The Great Lakes entomologist. Autumn 1982. v. 15 (3). p. 189-192. 1 p. ref. (NAL Call No.: QL461.M5).

0131

Catfacing in peaches: effects of ground cover and surrounding vegetation (Fruit deformities, feeding injury by insects). Meyer, J.R. Martinsburg, W. Va. : The Council. Proceedings ... annual convention - National Peach Council. 1984. 1984. (43rd). p. 5-11. ill. Includes references. (NAL Call No.: SB371.N3).

0132

Chemical control of male San Jose scale (*Quadraspidiotus perniciosus*) (Homoptera: Diaspididae) in apples, pears, and peaches. Rice, R.E. Hoyt, S.C. Ottawa, Entomological Society of Canada. Canadian entomologist. July 1979. v. 111 (7). p. 827-831. ill. 7 ref. (NAL Call No.: 421 C16).

0133

The clear-wing moths (Sesiidae). 1. (Pests of grapevines and peach trees). Schultz, P.B. VA. Parnell, L.A. Norfolk, Va., The Service. The Vegetable growers news - Virginia Polytechnic Institute and State University. Cooperative Extension Service. July 1980. v. 35 (1). p. 1, 4. (NAL Call No.: 275.28 V52).

0134

Clonal variability in *Myzus persicae* Sulz. (Homoptera, Aphididae) (Serious pest of tobacco, peach, and other crops, vector of pathogenic viruses of many plants). Kolesova, D.A. Kuznetsova, V.G.; Shaposhnikov, G.Kh. Silver Spring, Md., Scripta Publishing. Entomological review. July/Sept 1980. Translated from: Entomologicheskoe obozrenie, p. 514-. (421 R322). v. 59 (3). p. 21-34. Includes 2 p. ref. (NAL Call No.: 421 R322AE).

0135

Comparison of yellow holocyclic and green anholocyclic strains of *Myzus persicae* (Sulzer): low temperature adaptability (Green peach aphid, Washington). Tamaki, G. Annis, B.; Fox, L.; Gupta, R.K.; Meszleny, A. College Park, Md., Entomological Society of America. Environmental entomology. Feb 1982. v. 11 (1). p. 231-233. Includes 10 ref. (NAL Call No.: QL461.E532).

(PESTS OF PLANTS - INSECTS)

0136

**Comparison of yellow holocyclic and green anholocyclic strains of *Myzus persicae* (Sulzer): transmission of beet western yellows virus (Green peach aphid, Washington).**  
Tamaki, G. Nawrocka, B.; Fox, L.; Annis, B.; Gupta, R.K. College Park, Md., Entomological Society of America. Environmental entomology. Feb 1982. v. 11 (1). p. 234-238. Includes 15 ref. (NAL Call No.: QL461.E532).

0137

**Control peach tree borers on peach and plum trees (*Synanthedon exitiosa*, Arkansas).**  
Jones, B.F. Little Rock, Ark., The Service. EM - Cooperative Extension Service, University of Arkansas. Aug 1981. Aug 1981. (91). 5 p. ill. (NAL Call No.: 275.29 AR4LE).

0138

**Controlling the green peach aphid (*Myzus persicae*) on peach trees.**  
Retan, A.H. WA. Thornton, R. Pullman, Wash., The Service. EM - Cooperative Extension Service, Washington State University. Washington State University. Cooperative Extension Service. Mar 1980. Mar 1980. (2943). 2 p. ill. 2 ref. (NAL Call No.: 275.29 W27MI).

0139

**Detection and monitoring methods for resistance in arthropods based on biochemical characteristics (Insect pests including mites, insecticides, rice leafhopper and planthopper, green rice leafhopper, *Nephrotettix cincticeps*, green peach aphid, *Myzus persicae*).**  
Miyata, T. New York : Plenum Press, c1983. Pest resistance to pesticides / edited by G.P. Georgiou and T. Saito. Literature review. p. 99-116. ill. Includes references. (NAL Call No.: SB957.P46).

0140

**The development of a green peach aphid (*Myzus persicae*) natural enemy sampling procedure.**  
Mack, T.P. Smilowitz, Z. College Park, Md., Entomological Society of America. Environmental entomology. Aug 1980. v. 9 (4). p. 440-445. ill. 13 ref. (NAL Call No.: QL461.E532).

0141

**Diel activity of green peach aphid (*Myzus persicae*) predators as indexed by sticky traps.**  
Mack, T.P. Smilowitz, Z. College Park, Md., Entomological Society of America. Environmental entomology. Oct 1979. v. 8 (5). p. 799-801. ill. 11 ref. (NAL Call No.: QL461.E532).

0142

**Disruption of mating by male lesser peachtree borers and peachtree borers in a pheromone permeated peach orchard (*Synanthedon pictipes*, *Synanthedon exitiosa*, Georgia).**  
Gentry, C.R. Snow, J.W. Athens, Ga. : The Society. Journal of the Georgia Entomological Society. July 1984. v. 19 (3). p. 350-356. ill. Includes 5 references. (NAL Call No.: QL461.G4).

0143

**Diurnal behavior of plum curculio (Coleoptera: Curculionidae) adults within host trees in nature (*Conotrachelus nenuphar*, fruit pest, Massachusetts).**  
Owens, E.D. AESAA. Hauschild, K.I.; Hubbell, G.L.; Prokopy, R.J. College Park : The Society. Annals of the Entomological Society of America. July 1982. v. 75 (4). p. 357-362. 11 ref. (NAL Call No.: 420 EN82).

0144

**Dose-response data for selected insecticides on the white peach scale, *Pseudaulacaspis pentagona* (Targ.).**  
Ball, J.C. Martin, F.G. s.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. June 1, 1980. v. 92. p. 264-266. 6 ref. (NAL Call No.: 81 F66).

0145

**Effect of late season populations of twospotted mite (*Tetranychus urticae*) on yield of peach trees.**  
Bailey, P. Baltimore, Entomological Society of America. Journal of economic entomology. Feb 15, 1979. v. 72 (1). p. 8-10. ill. 7 ref. (NAL Call No.: 421 J822).

0146

**Effect of orchard weed management on catfacing damage to peaches in North Carolina.**  
JEENA! Killian, J.C. Meyer, J.R. College Park, Md. : Entomological Society of America. Journal of economic entomology. Dec 1984. v. 77 (6). p. 1596-1600. Includes references.

0147

**The effect of temperature on the rate of development of *Aphidius matricariae* Haliday (Hymenoptera: Aphidiidae) (Endoparasite of the green peach aphid, *Myzus persicae*).**  
Giri, M.K. TKASA. Pass, B.C.; Yeargan, K.V. Louisville : The Academy. Transactions of the Kentucky Academy of Science. Sept 1983. v. 44 (3/4). p. 145-147. Includes references. (NAL

(PESTS OF PLANTS - INSECTS)

Call No.: 500 K41).

0148

**Effective growth units in population dynamics of the green peach aphid (Homoptera: Aphidiidae) (Myzus persicae).**

Tamaki, G. EVETB. Weiss, M.A.; Long, G.E. College Park : Entomological Society of America. Environmental entomology. Dec 1982. v. 11 (6). p. 1134-1136. Includes references. (NAL Call No.: QL461.E532).

0149

**Effectiveness of chlorpyrifos for control of Synanthesdon pictipes and Synanthesdon exitiosa in peach orchard tests of young trees with emphasis on timing applications.**

Yonce, C.E. College Park, Md., Entomological Society of America. Journal of economic entomology. Dec 1980. v. 73 (6). p. 827-828. 7 ref. (NAL Call No.: 421 J822).

0150

**Effects of rainfall on persistence of phosmet residues on peach: implications for integrated pest management programs (Oriental fruit moth, Grapholita molesta).**

Pree, D.J. Menzies, D.R.; Fisher, R.W. College Park, Md., Entomological Society of America. Journal of economic entomology. Oct 1981. v. 74 (5). p. 535-538. 10 ref. (NAL Call No.: 421 J822).

0151

**Efficacy and persistence of chlorpyrifos residues on peaches for control of San Jose scale (Homoptera: Diaspididae) (Quadraspidiotus perniciosus).**

Howell, J.F. George, D.A. College Park, Md. : Entomological Society of America. Journal of economic entomology. Apr 1984. v. 77 (2). p. 534-536. Includes references. (NAL Call No.: 421 J822).

0152

**Evaluation of orchard weed hosts of green peach aphid (Myzus persicae) and the production of winged migrants.**

Tamaki, G. Olsen, D. College Park, Md., Entomological Society of America. Environmental entomology. Apr 1979. v. 8 (2). p. 314-317. ill. 6 ref. (NAL Call No.: QL461.E532).

0153

**Evaluation of plant density and temperature in predator-prey interactions in field cages (Green peach aphid, Myzus persicae, predators Geocoris bullatus and Nabis alternatus).**

Tamaki, G. Weiss, M.A.; Long, G.E. College Park, Md., Entomological Society of America. Environmental entomology. Oct 15, 1981. v. 10 (5). p. 716-720. 7 ref. (NAL Call No.: QL461.E532).

0154

**Evidence of an oviposition stimulant for peachtree borer (Synanthesdon exitiosa, insect pests of peach, Prunus persica).**

Gentry, C.R. Wells, J.M. New York, N.Y., Plenum Press. Journal of chemical ecology. Aug 1982. v. 8 (8). p. 1125-1132. ill. 9 ref. (NAL Call No.: QD415.A1J6).

0155

**Experiments with oils and lime-sulfur for the control of the San Jose scale on peach trees in the South by Oliver I. Snapp and J.R. Thompson, Jr.**

Snapp, Oliver I. Washington, D.C. U.S. Dept. of Agriculture 1943. 12 p. -- Includes bibliographical references. (NAL Call No.: Fiche S-69 no.852).

0156

**Exploiting the ecological interaction of the green peach aphid on peach trees (by George Tamaki).**

Tamaki, George. Washington, D.C. U.S. Dept. of Agriculture, Science and Education Administration 1981. 6 p. : ill. -- Bibliography: p. 6. (NAL Call No.: Fiche S-69 no.1640).

0157

**Feeding by European corn borer (*Ostrinia nubilalis*) on peach trees.**

Tedders, W.L. Yonce, C.E.; Gentry, C.R. Athens, Ga., The Society. Journal of the Georgia Entomological Society. Jan 1981. v. 16 (1). p. 64-67. ill. 2 ref. (NAL Call No.: QL461.G4).

0158

**French prune trees as overwintering sites for the grape leafhopper egg parasite (Anagrus epos Girault, Erythroneura elegantula, biological control, insect pests, northern and central California).**

Kido, H. Flaherty, D.L.; Bosch, D.F.; Valero, K.A. Davis, Calif. : American Society of Enologists. American journal of enology and viticulture. 1984. v. 35 (3). p. 156-160.

(PESTS OF PLANTS - INSECTS)

Includes 14 references. (NAL Call No.: 390.9 AM33).

0159

Geographical and seasonal occurrence, abundance, and distribution of phony peach disease vectors and vector response to age and condition of peach orchards and a disease host survey of johnsongrass for rickettsia-like bacteria in the southeastern United States.

Yonce, C.E. GENSA. Athens : The Society. Journal of the Georgia Entomological Society. July 1983. v. 18 (3). p. 411-418. ill., maps. Includes references. (NAL Call No.: QL461.G4).

0160

Green peach aphid control in the greenhouse, Georgia, 1979 (*Myzus persicae*).

Detting, R.D. College Park : Entomological Society of America. Insecticide and acaricide tests. 1980. v. 5. p. 168. (NAL Call No.: SB950.A1I49).

0161

Green peach aphid (*Myzus persicae*) control, 1978.

Fox, L. AR~AR. Richards, A.W.; Tamaki, G. Reprints. United States. Dept. of Agriculture. Science and Education Administration. Agricultural Research. (NAL Call No.: aS21.A8U5/AR).

0162

Green peach aphid (*Myzus persicae*) survey for the Hermiston-Boardman area of Oregon's Columbia Plateau (Vectors of leaf-roll virus disease of potatoes).

Fitch, L.A. DASPA. Corvallis : The Station. Special report - Agricultural Experiment Station, Oregon State University. July 1983. July 1983. (684). p. 21-24. ill., maps. (NAL Call No.: 100 OR3M).

0163

Green peach aphid survey (*Myzus persicae*). Fitch, L.A. Corvallis, Or., The Station. Special report - Oregon Agricultural Experiment Station. July 1981. July 1981. (633). p. 34-37. ill. (NAL Call No.: 100 OR3M).

0164

The gypsy moth: is it a threat to peaches and pecans? (*Lymantria dispar*).

Snow, J.W. Payne, J.A.; Moorehead, G. Starkville, Miss., The Association. Proceedings ... annual convention - Southeastern Pecan Growers Association. 1982. 1982. (75th). p. 157-160. ill. (NAL Call No.: 94.69 G29).

0165

HCN: a feeding deterrent in peach to the oblique-banded leafroller, *Choristoneura rosaceana* (Lepidoptera: Tortricidae) (Canada, USA).

Kaethler, F. AESAA. Pree, D.J.; Bown, A.W. College Park : The Society. Annals of the Entomological Society of America. Sept 1982. v. 75 (5). p. 568-573. 16 ref. (NAL Call No.: 420 EN82).

0166

Homeowner peach & plum insect and disease control.

Brook, T.S. Haygood, R.A. State College : The Service. Publication - Cooperative Extension Service, Mississippi State University. Sept 1983. Sept 1983. (568). 2 p. ill. (NAL Call No.: 275.29 M68EXT).

0167

Host preferences of the green peach aphid, *Myzus persicae* (Hemiptera: Aphididae).

Annis, B. Berry, R.E.; Tamaki, G. College Park, Md., Entomological Society of America. Environmental entomology. Aug 1982. v. 11 (4). p. 824-827. 13 ref. (NAL Call No.: QL461.E532).

0168

Host selection, host discrimination and functional response of *Aphidius matricariae* Haliday (Hymenoptera: Braconidae), a parasite of the green peach aphid, *Myzus persicae* (Sulz.) (Biological control).

Hart, J. 't. Jonge, J. de. Gent. MededelingenRijksfaculteit Landbouwwetenschappen. 1978. v. 43 (2,pt.1). p. 441-453. ill. 11 ref. (NAL Call No.: 105.1 G344).

0169

Impact of high temperatures on the population dynamics of the green peach aphid (*Myzus persicae*) in field cages.

Tamaki, G. AR-W. Weiss, M.A.; Long, G.E. College Park, Md., Entomological Society of America. Environmental entomology. June 15, 1980. v. 9 (3). p. 331-337. ill. 13 ref. (NAL Call No.: QL461.E532).

(PESTS OF PLANTS - INSECTS)

0170

Influence of simulated rains on phosmet residues and oriental fruit moth (Lepidoptera: Tortricidae) control on peach (Grapholita molesta).

Pree, D.J. Menzies, D.R.; Braun, H.E.; Fisher, R.W. College Park, Md. : Entomological Society of America. Journal of economic entomology. Apr 1984. v. 77 (2). p. 483-486. Includes references. (NAL Call No.: 421 J822).

0171

Influences of the age of the trap and pheromone on capturing males of the lesser peachtree borer (*Synanthedon pictipes*) in sticky traps (in peach and nectarine orchards, Florida). Sharp, J.L. James, J. College Park, Md., Entomological Society of America. Environmental entomology. Dec 1978. v. 7 (6). p. 817-819. ill. 5 ref. (NAL Call No.: QL461.E532).

0172

Insect monitoring in West Virginia peach orchards.

Hogmire, H.W. Jr. College Park : Maryland State Horticultural Society. Maryland fruit grower 1983. 1983. (suppl.). p. 63-68. (NAL Call No. 80 M36).

0173

Insect transmission of phony peach disease (by William F. Turner and Herschel N. Pollard).

Turner, William F. (William Franklin), 1887. Washington, D.C. U.S. Dept. of Agriculture 1959. 27 p. : map -. Bibliography: p. 26-27. (NAL Call No.: Fiche S-69 no.1193).

0174

Isolation and identification of a component of the female sex pheromone gland attractive to male *Xylomyges curialis* (pest of citrus and plums in California).

McDonough, L.M. Moreno, D.S.; Bierl-Leonhardt, B.A.; Butt, B.A. College Park, Md., Entomological Society of America. Environmental entomology. June 15, 1982. v. 11 (3). p. 660-662. Includes ref. (NAL Call No.: QL461.E532).

0175

Lesser peach tree borer control (in the mid-Atlantic states, New Jersey, USA). Swift, F.C. College Park : Maryland State Horticultural Society. Maryland fruit grower. 1983. 1983. (suppl.). p. 60-63. Includes references. (NAL Call No.: 80 M36).

0176

Life histories and behavior of five insect vectors of phony peach disease (by William F. Turner and Herschel N. Pollard).

Turner, William F. (William Franklin), 1887. Washington, D.C. U.S. Dept. of Agriculture 1959. 28 p. : ill. -. Bibliography: p. 28. (NAL Call No.: Fiche S-69 no.1188).

0177

Life history and habits of the plum curculio in the Georgia peach belt by Oliver I. Snapp. Snapp, Oliver I. Washington, D.C. U.S. Dept. of Agriculture 1930. 91 p., 10 leaves of plates : ill. -. Includes bibliographical references. (NAL Call No.: Fiche S-69 no.188).

0178

Life history of the oriental peach moth at Riverton, N.J., in relation to temperature Alvah Peterson and G.J. Haessler. Peterson, Alvah, 1888. Washington, D.C. U.S. Dept. of Agriculture 1930. 38 p. : ill. -. Bibliography: p. 37. (NAL Call No.: Fiche S-69 no.183).

0179

Life history of the oriental peach moth in Georgia by Oliver I. Snapp and H.S. Swingle. Snapp, Oliver I. Washington, D.C. U.S. Dept. of Agriculture 1929. 16 p. : ill. -. (NAL Call No.: Fiche S-69 no.152).

0180

Light and other stimuli in the location of feeding sites by lesser peach tree borer larvae (*Synanthedon pictipes*, includes field studies in Wisconsin).

Wiener, L.F. Norris, D.M. College Park, Md., Entomological Society of America. Environmental entomology. Apr 15, 1982. v. 11 (2). p. 399-402. ill. 17 ref. (NAL Call No.: QL461.E532).

0181

Manipulating orchard ground cover to reduce invasion by leafhopper vectors of peach X-disease (Connecticut).

McClure, M.S. Andreadis, T.G.; Lacy, G.H. College Park, Md., Entomological Society of America. Journal of economic entomology. Feb 1982. v. 75 (1). p. 64-68. ill. 10 ref. (NAL Call No.: 421 J822).

(PESTS OF PLANTS - INSECTS)

0182

**Monitoring peach twig borer development with degree-days (Anarsia lineatella).**  
Rice, R.E. Zalom, F.G.; Brunner, J.F. Berkeley, The Service. Leaflet - University of California, Cooperative Extension Service. May 1982. May 1982. (21302). 2 p. 1 ref. (NAL Call No.: S544.3.C2C3).

0183

**Paradichlorobenzene experiments in the South for peach-borer control by Oliver I. Snapp.**  
Snapp, Oliver I. Washington, D.C. U.S. Dept. of Agriculture 1928. 40 p. : ill. -. Includes bibliographical references. (NAL Call No.: Fiche S-69 no.58).

0184

**Parasitism of Pratylenchus spp. to "Lovell," "Nemaguard" and "Okinawa" peach.**  
Stokes, Donald Eugene, 1931. Ann Arbor, Mich. University Microfilms 1973. Thesis--University of Florida, 1972. xi, 63 leaves. Bibliography: leaves 59-62. (NAL Call No.: DISS 73-15,600).

0185

**The peach beetle, Cotinis mutabilis (Gory and Percheron), in California (Coleoptera: Scarabaeidae).**  
Stone, M.W. PPETA. San Francisco : Pacific Coast Entomological Society. The Pan-Pacific entomologist. Apr 1982. v. 58 (2). p. 159-161. ill. Includes references. (NAL Call No.: 421 P193).

0186

**Peach disease and insect control in North Carolina.**  
Smith, C.F. Clayton, C.N. Raleigh. AGNorth Carolina State University. Agricultural Extension Service. Nov 1978. Nov 1978. (146). 23 p. ill. (NAL Call No.: S544.3.N6N62).

0187

**Peach, peachtree borer control, 1978 (Synanthedon exitiosa).**  
Yonce, C.E. College Park : Entomological Society of America. Insecticide and acaricide tests. 1982. v. 7. p. 35. (NAL Call No.: SB950.A1I49).

0188

**Peach pest control (Insects).**  
West Sacramento, Don Wonacott. California grower & rancher. Sacramento Valley edition. Apr 1980. v. 35 (4). p. 24. (NAL Call No.: 6 SA12).

0189

**Peach: pydrin 2.4EC vs. oriental fruit moth, 1979 (Grapholita molesta).**  
Horsburgh, R.L. Ponton, L.F. College Park : Entomological Society of America. Insecticide and acaricide tests. 1980. v. 5. p. 38-39. (NAL Call No.: SB950.A1I49).

0190

**Peach, San Jose scale (Quadraspidiotus perniciosus) control, 1978.**  
Howell, J.F. Reprints. United States. Dept. of Agriculture. Science and Education Administration. Agricultural Research. (NAL Call No.: aS21.A8U5/AR).

0191

**Peach, San Jose scale (Quadraspidiotus perniciosus) control, 1978.**  
Howell, J.F. AR~AR. Reprints. United States. Dept. of Agriculture. Science and Education Administration. Agricultural Research. (NAL Call No.: aS21.A8U5/AR).

0192

**The peach tree borer (Sanninoidea exitiosa, emergence, damages and control).**  
English, L.M. Las Cruces, N.M. : The Service. Circular - New Mexico State University, Cooperative Extension Service. May 1984. May 1984. (515). 4 p. ill. (NAL Call No.: 275.29 N463E).

0193

**Peach twig borer (Anarsia lineatella).**  
Anthon, E.W. Pullman, Wash., The Service. Extension bulletin - Washington State University, Cooperative Extension Service. Aug 1981. Aug 1981. (0931). 3 p. ill. (NAL Call No.: 275.29 W27P).

0194

**Peach twig borer (Anarsia lineatella): field evaluations of concentrations of pheromone and monitoring of populations.**  
Hathaway, D.O. College Park, Md., Entomological Society of America. Journal of economic entomology. June 1981. v. 74 (3). p. 344-345. 2

(PESTS OF PLANTS - INSECTS)

ref. (NAL Call No.: 421 J822).

0195

Peach twig borer, *Anarsia lineatella* Zeller  
(Lepidoptera: Gelechiidae), development in  
Washington and California.

Brunner, J.F. Rice, R.E. College Park, Md. :  
Entomological Society of America. Environmental  
entomology. Apr 1984. v. 13 (2). p. 607-610..  
Includes references. (NAL Call No.:  
QL461.E532).

0196

The peach twig-boreran important enemy of stone  
fruits /by C.L. Marlatt. -.

Marlatt, C. L. Washington : U.S. Dept. of  
Agriculture. 1898. 16 p. : ill. -.

0197

Petroleum oil and oil emulsion as insecticides,  
and their use against the San Jose scale on  
peach trees in the South by H.S. Swingle and  
Oliver I. Snapp.

Swingle, H. S. (Homer Scott), 1902. Washington,  
D.C. U.S. Dept. of Agriculture 1931. 48 p., 2  
leaves of plates : ill. -. Bibliography: p.  
42-48. (NAL Call No.: Fiche S-69 no.253).

0198

Population trends of mites on peaches in  
Florida.

Ball, J.C. Gainesville, Florida Entomological  
Society. Florida entomologist. June 1980. v. 63  
(2). p. 255-256. (NAL Call No.: 420 F662).

0199

Populations of the oriental fruit moth in peach  
and apple orchards in the eastern states by  
H.W. Allen and E.L. Plasket.

Allen, Harry W. Washington, D.C. U.S. Dept. of  
Agriculture 1958. 13 p. -. Bibliography: p. 13.  
(NAL Call No.: Fiche S-69 no.1182).

0200

Predation of the Mediterranean fruit fly  
(Diptera: Tephritidae) by the Argentine ant  
(Hymenoptera: Formicidae) in Hawaii.  
JEENAI. Wong, T.T.Y. McInnis, D.O.; Nishimoto,  
J.I.; Ota, A.K.; Chang, V.C.S. College Park,  
Md. : Entomological Society of America. Journal  
of economic entomology. Dec 1984. v. 77 (6). p.  
1454-1458. ill. Includes references.

0201

Propagation and cultivation of *Prunus*  
*laurocerasus 'Schipkaensi'*.

Adams, G. Boulder : The Society. Combined  
proceedings - International Plant Propagators'  
Society. 1983 (pub. 1984). v. 33. p. 547-550.  
Includes 1 references.

0202

Propagation of the white peach scale,  
*Pseudaulacaspis pentagona*, and a technique for  
producing virgin female scales.

Ashley, T.R. Miller, D. Athens, Ga., The  
Society. Journal of the Georgia Entomological  
Society. Oct 1981. v. 16 (4). p. 501-504. 12  
ref. (NAL Call No.: QL461.G4).

0203

Protect peach trees from insect-pests.

Sandhu, S.S. Ludhiana, Communication Centre,  
Punjab Agricultural University. Progressive  
farming. Mar 1979. v. 15 (7). p. 9. (NAL Call  
No.: S19.P7).

0204

Reduced use of fungicides and insecticides on  
peaches.

Zehr, E.I. Miller, R.W.; Gorsuch, C.S.  
Martinsburg, W. Va. : The Council. Proceedings  
... annual convention - National Peach Council.  
1984. 1984. (43rd). p. 87-95. (NAL Call No.:  
SB371.N3).

0205

Reducing populations of vector leafhoppers is a  
new approach to X-disease control (Mycoplasma  
disease of peaches and nectarines).

Lacy, G.H. CT. McClure, M.S.; Andreadis, T.G.  
New Haven, Connecticut Agricultural Experiment  
Station. Frontiers of plant science. Fall 1979.  
v. 32 (1). p. 2-4. ill. (NAL Call No.: 100  
F92).

0206

Report of *Arrhenophagus chionaspidis* on  
*Pseudaulacaspis pentagona* (white peach scale)  
in Florida.

Ball, J.C. Stange, L.A. Gainesville, Florida  
Entomological Society. The Florida  
entomologist. Dec 1979. v. 62 (4). p. 414. (NAL  
Call No.: 420 F662).

(PESTS OF PLANTS - INSECTS)

0207

**Residual toxicity of selected insecticides to the plum curculio, *Conotrachelus nenuphar* (Herbst) (Pest of apples and peaches).**  
Peeples, K.A. Skelton, T.E. Athens.  
Journal Georgia Entomological Society. Jan 1979.  
v. 14 (1). p. 87-91. ill. 4 ref. (NAL Call No.: QL461.G4).

0208

**Response of natural enemies to the green peach aphid (*Myzus persicae*) in different plant cultures (Biological control).**  
Tamaki, G. Annis, B.; Weiss, M. College Park, Md., Entomological Society of America.  
Environmental entomology. June 1981. v. 10 (3). p. 375-378. 11 ref. (NAL Call No.: QL461.E532).

0209

**Role of wild host plants in the feeding, oviposition, and dispersal of *Scaphytopius acutus* (Homoptera: Cicadellidae), a vector of peach X-disease.**  
McClure, M.S. College Park, Md., Entomological Society of America. Environmental entomology. June 15, 1980. v. 9 (3). p. 283-292. ill. 19 ref. (NAL Call No.: QL461.E532).

0210

**Role of wild host plants in the feeding, oviposition, and dispersal of *Scaphytopius acutus* (Homoptera: Cicadellidae), a vector of peach X-disease.**  
McClure, M.S. College Park, Md., Entomological Society of America. Environmental entomology. Apr 15, 1980. v. 9 (2). p. 265-274. ill. Bibliography p. 273-274. (NAL Call No.: QL461.E532).

0211

**Seasonal distribution of *Synanthedon exitiosa* in the Georgia peach belt monitored by pheromone trapping.**  
Yonce, C.E. Pate, R.R. College Park, Md., Entomological Society of America. Environmental entomology. Feb 15, 1979. v. 8 (1). p. 32-33. ill. 6 ref. (NAL Call No.: QL461.E532).

0212

**Seasonal history of the white peach scale, *Pseudaulacaspis pentagona* (Targ.-Tozz.) (Homoptera, Diaspididae), in Northeastern Pennsylvania.**  
Stimmel, J.F. Washington, D.C., The Society. Proceedings - Entomological Society of Washington. Jan 1982. v. 84 (1). p. 128-133. ill. 1 p. ref. (NAL Call No.: 420 W27).

0213

**Seasonal occurrence of male Sesiidae in north central Florida determined with pheromone trapping methods (*Synanthedon pictipes* and *Synanthedon exitiosa*, pests of peach and nectarine orchards).**  
Sharp, J.L. McLaughlin, J.R. Gainesville, Florida Entomological Society. Florida entomologist. Dec 1978. v. 61 (4). p. 245-250. ill. 11 ref. (NAL Call No.: 420 F662).

0214

**Seasonal occurrence of wild secondary hosts of the green peach aphid, *Myzus persicae* (Sulzer), in agricultural systems in the Yakima Valley (Washington).**  
Annis, B. Tamaki, G.; Berry, R.E. College Park, Md., Entomological Society of America. Environmental entomology. June 1981. v. 10 (3). p. 307-312. 10 ref. (NAL Call No.: QL461.E532).

0215

**Seasonal patterns of activity of adult leafhopper vectors (*Homalodisca*, *Oncometopia*, *Graphocephala*, *Cuerna*) of phony peach disease (caused by a rickettsia-like bacterium) in north Florida.**  
Ball, J.C. College Park, Md., Entomological Society of America. Environmental entomology. Aug 1979. v. 8 (4). p. 686-689. ill. 8 ref. (NAL Call No.: QL461.E532).

0216

**Simultaneous electron capture detection of chlorpyrifos and 3,5,6-Trichloro-2-pyridinol residues in peach and bahia grass (*Taspalum notatum*) field samples following gel permeation cleanup (Insecticide residues).**  
Guinivan, R.A. Thompson, N.P.; Bardalaye, P.C. Arlington, Va., The Association. Journal of the Association of Official Analytical Chemists. Mar 1982. v. 65 (2). p. 210-214. ill. Includes 8 ref. (NAL Call No.: 381 AS7).

0217

**Spraying peaches (Disease and insect control).**  
Jones, B. Johnson, D.R.; Mason, C.L.; McDaniel, M.C. Little Rock, Ark. : The Service. Leaflet EL - Arkansas University, Cooperative Extension Service. Feb 1984. Feb 1984. (227.rev.). 11 p. (NAL Call No.: 275.29 AR4LE).

(PESTS OF PLANTS - INSECTS)

0218

Spraying peaches (in orchards, diseases, insects, Arkansas).

Jones, B.F. Mason, C.L.; McDaniel, M.C. Little Rock, Ark., The Service. EL - Cooperative Extension Service, University of Arkansas. Aug 1981. Aug 1981. (227). 12 p. (NAL Call No.: 275.29 AR4LE).

0219

A survey of male flight of the false codling moth, *Cryptophlebia leucotreta* Meyr., by the use of the synthetic sex pheromone (Citrus orchards, peach orchards, home gardens). Daiber, C.C. Pretoria. *Phytophylactica*. June 1978. v. 10 (2). p. 65-72. ill. 11 ref. (NAL Call No.: SB599.L35).

0220

Surveys of leafhoppers (Homoptera: Cicadellidae) and pear psylla (Homoptera: Psyllidae) in pear and peach orchards and the spread of peach yellow leaf roll disease. JEENAI. Purcell, A.H. Suslow, K.G. College Park, Md.: Entomological Society of America. *Journal of economic entomology*. Dec 1984. v. 77 (6). p. 1489-1494. Includes references.

0221

Taste a real plum (Includes varieties, includes insect and fungal diseases). Kane, M. Emmaus : Rodale Press. *Organic gardening*. Feb 1984. v. 31 (2). p. 106-112. ill. (NAL Call No.: 57.8 OR32).

0222

Toxicity of insecticides to the green peach aphid (Homoptera: Aphididae) in laboratory and field tests, 1971-1982 (*Myzus persicae*). McClanahan, R.J. JEENA. Founk, J. College Park Entomological Society of America. *Journal of economic entomology*. Aug 1983. v. 76 (4). p. 899-905. Includes references. (NAL Call No.: 421 J822).

0223

Toxicity of phosmet, azinphosmethyl, and permethrin to the oriental fruit moth (*Grapholita molesta*) and its parasite, *Macrocentrus ancylivorus* (pests of peaches, biological control).

Pree, D.J. College Park, Md., Entomological Society of America. *Environmental entomology*. Oct 1979. v. 8 (5). p. 969-972. ill. 7 ref. (NAL Call No.: QL461.E532).

0224

Toxicity of some insecticides to eggs of the oriental fruit moth (*Grapholita molesta*) and codling moth (on peaches and apples).

Pree, D.J. Hagley, E.A.C. Guelph. Proceedings Entomological Society of Ontario. 1977 (pub. 1978). v. 108. p. 69-74. ill. 6 ref. (NAL Call No.: 420 ON8).

0225

Transmission of cauliflower mosaic virus by the green peach, turnip, cabbage, and pea aphids (*Myzus persicae*, *Hyadaphis erysimi*, *Brevicoryne brassicae*, *Acyrtosiphon pisum*).

Namba, R. Sylvester, E.S. College Park, Md., Entomological Society of America. *Journal of economic entomology*. Oct 1981. v. 74 (5). p. 546-551. 17 ref. (NAL Call No.: 421 J822).

0226

Transmission of X-disease (peach yellow leafroll) agent by the leafhoppers *Scaphytopius nitridus* and *Acinopterus angulatus* (Peaches, celery).

Purcell, A.H. Beltsville, Md., Science and Education Administration, U.S. Dept. of Agriculture. *Plant disease reporter*. July 1979. v. 63 (7). p. 549-552. ill. 11 ref. (NAL Call No.: 1.9 P69P).

0227

Update on peach insect control (Arkansas). Mayes, R.L. Johnson, D.T. Fort Smith, Ark., The Society. Proceedings ...annual meeting - Arkansas State Horticultural Society. 1980. 1980. (101st). p. 48-51. (NAL Call No.: 81 AR4P).

0228

Using temperature-mediated functional response models to predict the impact of *Coleomegilla maculata* (DeGeer) adults and 3rd-instar larvae on green peach aphids (*Myzus persicae*). Mack, T.P. Smilowitz, Z. College Park, Md., Entomological Society of America. *Environmental entomology*. Feb 1982. v. 11 (1). p. 46-52. ill. Includes 20 ref. (NAL Call No.: QL461.E532).

0229

Vectors of phony peach (Virus disease transmitted by leafhoppers).

Yonce, C.E. Martinsburg, W. Va. Proceedings ... annual convention National Peach Council. 1979. 1979. (38th). p. 79-84. ill., map. (NAL Call No.: SB371.N3).

0230

The vertical distribution of green peach aphids (*Myzus persicae*) and its effect on a model quantifying the relationship between green peach aphids and a predator (*Coleomegilla maculata*, biological control).

Mack, T.P. Smilowitz, Z. Orono, Me., Potato Association of America. American potato journal. July 1981. v. 58 (7). p. 345-353. 14 ref. (NAL Call No.: 75.8 P842).

0231

Weed species hosting viruliferous green peach aphids, vector of beet western yellows virus (*Myzus persicae*, Washington).

Tamaki, G. Fox, L. College Park, Md., Entomological Society of America. Environmental entomology. Feb 1982. v. 11 (1). p. 115-117. Includes 11 ref. (NAL Call No.: QL461.E532).

0232

1979 Missouri commercial peach spray schedule / P. W. Steiner ... (et al.).

Steiner, P. W. Columbia University of Missouri-Columbia, Extension Division 1979. 1 sheet : ill. ; 44 x 28 cm. fold. to 22 x 28 cm. (NAL Call No.: S608.P3N5).

0233

1982--year of the aphid (*Aphis pomi*, *Myzus persicae*, on apple, pear, peach and nectarine).

Brunner, J.F. PWHA. Hoyt, S.C.; Carroll, D.P. Wenatchee : The Association. Proceedings - Washington State Horticultural Association. 1982. 1982. (78th). p. 143-148. ill. (NAL Call No.: 81 W273).

# PESTS OF PLANTS - NEMATODES

0234

**Association of Macroposthonia xenoplax and Scutellonema brachyurum with the peach tree short life syndrome (in South Carolina).**  
Nesmith, W.C. Zehr, E.I.; Dowler, W.M. Ames, Iowa, Society of Nematologists. Journal of nematology. Apr 1981. v. 13 (2). p. 220-225. ill. 19 ref. (NAL Call No.: QL391.N4J62).

0235

**Breeding peach rootstocks resistant to root-knot nematodes (Meloidogyne).**  
Sherman, W.B. Lyrene, P.M.; Hansche, P.E. Alexandria, Va., American Society for Horticultural Science. HortScience. Aug 1981. v. 16 (4). p. 523-524. 5 ref. (NAL Call No.: SB1.H6).

0236

**Control of Criconemella xenoplax and Meloidogyne incognita and improved peach tree survival following multiple fall applications of fenamiphos (Prunus persica, North Carolina).**  
Ritchie, D.F. St. Paul, Minn. : American Phytopathological Society. Plant disease. June 1984. v. 68 (6). p. 477-480. Includes references. (NAL Call No.: 1.9 P69P).

0237

**Control of plant parasitic nematodes on established tree and vine crops with Telone II soil fumigant (Oranges, peaches, grapes).**  
Youngson, C.R. Turner, G.O.; O'Melia, F.C. Midland, Mich., Agricultural Products Dept., Dow Chemical Co. Down to earth. 1980. v. 3 (4). p. 6-10. ill. 8 ref. (NAL Call No.: 381 D75).

0238

**Control of plant parasitic nematodes on established tree and vine crops with Telone II soil fumigant (Grapes, oranges, peaches).**  
Youngson, C.R. Turner, G.O.; O'Melia, F.C. Midland, Mich., Agricultural Products Dept., Dow Chemical Co. Down to earth. Sept 1981. v. 37 (3). p. 6-10. ill. Includes 8 ref. (NAL Call No.: 381 D75).

0239

**Control of Xiphinema americanum at different soil depths by contact nematicides, 1979 (Peach (Prunus persica 'Red Haven'), dagger nematode; Xiphinema americanum).**  
Miller, P.M. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1980. v. 35. p. 216. (NAL Call No.: 464.9 AM31R).

0240

**DBCP-problems and future alternatives (Nematocide, peach tree short life, South Carolina).**  
Miller, R.W. Martinsburg, W. Va. : The Council. Proceedings ... annual convention - National Peach Council. 1983. 1983. (42nd). p. 79-82. (NAL Call No.: SB371.N3).

0241

**Decline of apple, prune, and peach trees caused by a nematode-transmitted virus.**  
Rosenberger, D.A. NYHSA. Gonsalves, D.; Cummins, J.N. (s.l.) : The Society. Proceedings of the ... annual meeting - New York State Horticultural Society. 1983. v. 128. p. 81-85. Includes references. (NAL Call No.: 81 N484).

0242

**Detection of tomato ringspot virus in peach orchards (Prunus stem pitting, Xiphinema americanum and Xiphinema rivesi as agents of transmission, broadleaf weeds as virus reservoirs, dagger nematodes, enzyme-linked immunosorbent assay).**  
Barrat, J.G. Scorza, R.; Otto, B.E. St. Paul, Minn. : American Phytopathological Society. Plant disease. Mar 1984. v. 68 (3). p. 198-200. Includes references. (NAL Call No.: 1.9 P69P).

0243

**Differential transmission of Prunus tomato ringspot virus strains by Xiphinema californicum.**  
Hoy, J.W. Mircetich, S.M.; Lownsbury, B.F. St. Paul : American Phytopathological Society. Phytopathology. Mar 1984. v. 74 (3). p. 332-335. ill. Includes references. (NAL Call No.: 464.8 P56).

0244

**Effect of planting site preparation, hydrated lime, and DBCP (1,2-dibromo-3-chloropropane) on populations of Macroposthonia xenoplax and peach tree short life in Georgia.**  
Wehnt, E.J. JONEB. Weaver, D.J. Ames : Society of Nematologists. Journal of nematology. Oct 1982. v. 14 (4). p. 567-571. Includes references. (NAL Call No.: QL391.N4J62).

0245

**Effect of post-plant nematicides and trickle irrigation on newly planted peach trees (soil fumigation).**  
Funt, R.C. Krusberg, L.R.; Ross, D.S.; Goulart, B.L. Alexandria, The Society. Journal of the American Society for Horticultural Science. Sept 1982. v. 107 (5). p. 891-895. 9 ref. (NAL

(PESTS OF PLANTS - NEMATODES)

Call No.: 81 S012).

0246

**Effect of the ring nematode upon growth and physiology of peach rootstocks under greenhouse conditions.**

PHYTAJ. Okie, W.R. Reilly, C.C. St. Paul, Minn. : American Phytopathological Society. *Phytopathology*. Nov 1984. v. 74 (11). p. 1304-1307. Includes 28 references.

0247

**Effectiveness of certain nematicides for control of Macroposthonia xenoplax and short life of peach trees.**

Zehr, E.I. Lewis, S.A.; Gambrell, C.E. St. Paul, Minn., American Phytopathological Society. *Plant disease*. Mar 1982. v. 66 c (3). p. 225-228. Includes 19 ref. (NAL Call No.: 1.9 P69P).

0248

**Effects of certain solutes, osmotic potential, and soil solutions on parasitism of Criconemella xenoplax by Hirsutella rhossiliensis (Nematodes, Fungi, isolation from peach orchard soils).**

Jaffee, B.A. PHYTA. Zehr, E.I. St. Paul : American Phytopathological Society. *Phytopathology*. Apr 1983. v. 73 (4). p. 544-546. Includes references. (NAL Call No.: 464.8 P56).

0249

**The effects of drip irrigation and soil fumigation (to control Macroposthonia xenoplax) on 'Redglobe' peach yields and growth.**

Horton, B.D. Wehunt, E.J.; Edwards, J.H.; Bruce, R.R.; Chesnee, J.L. Alexandria, Va., The Society. *Journal of the American Society for Horticultural Science*. July 1981. v. 106 (4). p. 438-443. 18 ref. (NAL Call No.: 81 S012).

0250

**Effects of nematicides, lime, and herbicide on peach tree short life in Georgia (Macroposthonia xenoplax, nematodes).**

Wehunt, E.J. AR-SO. Horton, B.D.; Prince, V.E. Ames, Iowa, Society of Nematologists. *Journal of nematology*. July 1980. v. 12 (3). p. 183-189. 25 ref. (NAL Call No.: QL391.N4J62).

0251

**Incidence of Fusarium and Pythium spp. in peach feeder roots as related to dibromochloropropane application for control of Criconemella xenoplax (South Carolina).**

Nyczepir, A.P. Lewis, S.A. St. Paul, Minn. : American Phytopathological Society. *Plant disease*. June 1984. v. 68 (6). p. 497-499. Includes references. (NAL Call No.: 1.9 P69P).

0252

**Influence of preplant soil fumigants on growth and survival of Delicious apple trees planted on a peach tree short life site (Nematoda, Fungi, Georgia).**

Miller, S.S. GARBB. Athens : The Stations. Research bulletin - University of Georgia, Experiment Stations. Apr 1982. Apr 1982. (274). 7 p. 12 ref. (NAL Call No.: S51.E2).

0253

**Interactions of vesicular-arbuscular mycorrhizal fungi, Meloidogyne incognita, and soil fertility on peach (Nematodes, Prunus persica, inoculation with Gigaspora margarita and Glomus etunicatus).**

Strobel, N.E. Hussey, R.S.; Roncadori, R.W. St. Paul, American Phytopathological Society. *Phytopathology*. June 1982. v. 72 (6). p. 690-694. 111. 20 ref. (NAL Call No.: 464.8 P56).

0254

**Multiple fall applications of postplant nematicides for control of root-knot and ring nematodes on peach, 1981 (Peach (*Prunus persica* 'Lovell'), root-knot nematode; *Meloidogyne* spp., ring nematode; *Macroposthonia* spp.).**

Ritchie, D.F. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1982. v. 37. p. 194-195. (NAL Call No.: 464.9 AM31R).

0255

**Nematode control studies with peaches.**

Springer, J.K. Martinsburg, W. Va., West Virginia Horticultural Society. *The Mountaineer grower*. May 1980. May 1980. (409). p. 14, 16, 18. (NAL Call No.: 80 M86).

0256

**Parasitism of the nematode Criconemella xenoplax by the fungus Hirsutella rhossiliensis (Pest of peach trees, *Prunus persica*, biological control).**

Jaffee, B.A. PHYTA. Zehr, E.I. St. Paul : American Phytopathological Society. *Phytopathology*. Oct 1982. v. 72 (10). p.

(PESTS OF PLANTS - NEMATODES)

1378-1381. ill. 4 ref. (NAL Call No.: 464.8 P56).

0257

Peach diseases.

Sharville, Eric G. Scott, Donald H. & An aid to identification and control. Document available from: Purdue University, Publication Mailing Room, 301 South Second Street, Lafayette, Indiana 47905 1969. Lists peach diseases and how to identify them. 1 sheet : ill. (NAL Call No.: Document available from source.).(NAL Call No.: BP-3-12).

0258

Peach nematodes and their control (in Georgia, *Meloidogyne* sp.).

Bertrand, P.F. Athens, Ga., The Service. Leaflet - Cooperative Extension Service, University of Georgia. Sept 1981. Sept 1981. (347). 4 p. ill. (NAL Call No.: 275.29 G29L).

0259

Peach tree borers.

Roselle, Robert E. Document available from: University of Nebraska-Lincoln, Dept. of Agricultural Communications, Lincoln, Nebraska 68583 1979. Explores the injury and control methods for peach tree borer. 1 sheet : ill. (NAL Call No.: Document available from source.).(NAL Call No.: G 73-29).

0260

Postplant nematicides for control of ring nematodes and cold injury in peach, 1979 (Peach (*Prunus persica* 'Blake')), ring nematode; *Macroposthonia xenoplax*).

Zehr, E.I. Lewis, S.A. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1980. v. 35. p. 216. (NAL Call No.: 464.9 AM31R).

0261

Postplant nematicides for control of root-knot nematodes on peach, 1981 (Peach (*Prunus persica* 'Starlite')), root-knot nematode; *Meloidogyne* spp.).

Ritchie, D.F. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1982. v. 37. p. 194. (NAL Call No.: 464.9 AM31R).

0262

Survival, growth, and yield of peach trees as affected by rootstocks (Redhaven and Loring scion cultivars tested in Alabama, Arkansas, Georgia, North Carolina, and South Carolina, resistant to root-knot nematodes, *Meloidogyne* spp., ring nematodes, *Criconemella xenoplax*). Dozier, W.A. Jr. Knowles, J.W.; Carlton, C.C.; Rom, R.C.; Arrington, E.H. Alexandria : American Society for Horticultural Science. HortScience. Feb 1984. v. 19 (1). p. 26-30. ill. Includes references. (NAL Call No.: SB1.H6).

0263

Third year response of Bearing Loring peaches to nematode control with fenamiphos.

Adams, R.E. Martinsburg, W. Va., West Virginia Horticultural Society. The Mountaineer grower. Feb 1981. Feb 1981. (418). p. 10, 12. (NAL Call No.: 80 M86).

# PLANT DISEASES - GENERAL

0264

AU-Roadside, an excellent quality plum for home use and local markets (Varieties, performance, yields, disease resistance).

Norton, J.D. Snell, J.M.; Smith, D.A.; Rymal, K.S. Auburn, Ala. : The Station. Circular - Alabama Agricultural Experiment Station. May 1984. May 1984. (271). 10 p. ill. (NAL Call No.: 100 AL1S (2)).

0265

Effect of ring and pin nematodes on the development of bacterial canker and cytospora canker in young French prune trees (*Pseudomonas syringae*, *Cytospora leucostoma*, *Macroposthonia xenoplax*, *Paratylenchus neoamblycephalus*). English, H. Lownsbury, B.F.; Schick, F.J.; Burlando, T. St. Paul, Minn., American Phytopathological Society. Plant disease. Feb 1982. v. 66 (2). p. 114-116. Includes 14 ref. (NAL Call No.: 1.9 P69P).

0266

Effect of rootstock on survival, yield, and foliar nutrient content of peach trees (Grafted trees, disease syndromes causing premature death).

Knowles, J.W. Dozier, W.A. Jr. Auburn, Ala. : The Station. Highlights of agricultural research - Alabama, Agricultural Experiment Station. Fall 1983. v. 30 (3). p. 16. ill. (NAL Call No.: 100 AL1H).

0267

Guide to field diseases on peaches, nectarines and plums (Fungal, bacterial, virus diseases). Moller, W.J. CA. Ogawa, J.M.; Nyland, G. Berkeley, Calif., The Service. Leaflet - University of California, Cooperative Extension Service. July 1980. July 1980. (2822). 6 p. ill. (NAL Call No.: S544.3.C2C3).

0268

'Hargrand' apricot (Varieties, breeding for cold hardiness and disease resistance). Layne, R.E.C. Alexandria, Va., American Society for Horticultural Science. HortScience. Feb 1981. v. 16 (1). p. 98-100. ill. 3 ref. (NAL Call No.: SB1.H6).

0269

'Harlayne' apricot (Varieties, breeding for cold hardiness and disease resistance). Layne, R.E.C. Alexandria, Va., American Society for Horticultural Science. HortScience. Feb 1981. v. 16 (1). p. 97-98. ill. 4 ref. (NAL Call No.: SB1.H6).

0270

Homeowner peach & plum insect and disease control.

Brook, T.S. Haygood, R.A. State College : The Service. Publication - Cooperative Extension Service, Mississippi State University. Sept 1983. Sept 1983. (568). 2 p. ill. (NAL Call No.: 275.29 M68EXT).

0271

Influence of preplant soil fumigants on growth and survival of Delicious apple trees planted on a peach tree short life site (Nematoda, Fungi, Georgia).

Miller, S.S.GARBB. Athens : The Stations. Research bulletin - University of Georgia, Experiment Stations. Apr 1982. Apr 1982. (274). 7 p. 12 ref. (NAL Call No.: S51.E2).

0272

Management practices that are controlling peach diseases.

McGlohon, N.E. St. Paul, Minn., American Phytopathological Society. Plant disease. Jan 1982. v. 66 (1). p. 7. ill. (NAL Call No.: 1.9 P69P).

0273

Peach and nectarine spray guide (Fungicides, insecticides, bactericides, acaricides, herbicides).

Ritchie, D.F. Sorensen, K.A.; Meyer, J.R.; Skroch, W.A. Raleigh : The Service. AG - North Carolina Agricultural Extension Service, North Carolina State University. Jan 1983. Jan 1983. (146suppl.,rev.). 13 p. (NAL Call No.: S544.3.N6N62).

0274

Peach diseases and insects in North Carolina (Identification, control).

Meyer, J.R. Ritchie, D.F. Raleigh : The Service. AG - North Carolina Agricultural Extension Service, North Carolina State University. Feb 1983. Feb 1983. (146rev.). 16 p. ill. (NAL Call No.: S544.3.N6N62).

0275

Peach tree short life: a complex of interacting factors (Freeze injury, *Pseudomonas syringae*).

Ritchie, D.F. Clayton, C.N. St. Paul, Minn., American Phytopathological Society. Plant disease. June 1981. v. 65 (6). p. 462-469. 111. 17 ref. (NAL Call No.: 1.9 P69P).

(PLANT DISEASES - GENERAL)

0276

**Spraying peaches (Disease and insect control).**  
Jones, B. Johnson, D.R.; Mason, C.L.; McDaniel,  
M.C. Little Rock, Ark. : The Service. Leaflet  
EL - Arkansas University, Cooperative Extension  
Service. Feb 1984. Feb 1984. (227, rev.). 11 p.  
(NAL Call No.: 275.29 AR4LE).

0277

**What's new in peach disease control.**  
Wilson, C.L. Martinsburg, W. Va. : The Council.  
Proceedings ... annual convention - National  
Peach Council. 1983. 1983. (42nd). p. 85-88.  
Includes references. (NAL Call No.: SB371.N3).

0278

**Yellow peach tree (Variety name Kurakata**  
Yellow, great amount of fruit with sturdy skin,  
strong resistance to usual peach diseases,  
clingstone, flesh is yellow in color and  
delicate in texture with distinctive good  
flavor).  
Kurakata, E. Washington, D.C., The Office.  
United States patent. Plant - United States  
Patent and Trademark Office. June 5, 1979. June  
5, 1979. (4423). 3 p. plate. (NAL Call No.:  
156.65 P69).

# PLANT DISEASES - FUNGAL

0279

**Benzomyl-resistant *Monilinia fructicola* not detected in peach and nectarine orchards in Florida (Fungicides).**

Sonoda, R.M. PFSHA. French, W.J. Lake Alfred : The Society. Proceedings of the ... annual meeting - Florida State Horticultural Society. 1982. v. 95. p. 130-132. Includes references. (NAL Call No.: 81 F66).

0280

**Bioassay of two formulations of triforine for control and inhibition of or immediate eradication after infection of brown and Rhizopus rot on peach and nectarine, 1979 (Peach (*Prunus persica*, 'Elberta'), nectarine (*Prunus persica* var. *nectarina*, 'Red Gold'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* sp.).**

Drake, C.R. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1980. v. 35. p. 36. (NAL Call No.: 464.9 AM31R).

0281

**Black-knot of plums / Purdue University.**  
Document available from: Purdue University, Publication Mailing Room, 301 South Second Street, Lafayette, Indiana 47905 1977. Examines plum black-knot appearance, cause and control. 1 sheet : ill. (NAL Call No.: Document available from source.). (NAL Call No.: BP-3-4).

0282

**Brown and Rhizopus rot control on peach, 1979 (Peach (*Prunus persica*, 'Crest Haven', 'Elberta', 'Jefferson', 'Glo Haven', and 'Madison'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* sp.).**  
Drake, C.R. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1980. v. 35. p. 35-36. (NAL Call No.: 464.9 AM31R).

0283

**Brown rot and Rhizopus rot control in peach, 1982 (*Monilinia fructicola*, *Prunus persica*).**  
Ritchie, D.F. FNETD. Bennett, M.H. (s.l.) : The Society. Fungicide and nematicide tests : results - American Phytopathological Society. 1983. v. 38. p. 121-122. (NAL Call No.: 464.9 AM31R).

0284

**Brown rot and *Rhizopus* rot control on peaches, 1981 (Peach (*Prunus persica* 'Winblo'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* spp.).**

Ritchie, D.F. Bennett, M.H. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1982. v. 37. p. 39. (NAL Call No.: 464.9 AM31R).

0285

**Brown rot control by postharvest treatments on Red Gold nectarines, 1979 (Nectarine (*Prunus persica* var. *nectarina*, 'Red Gold'), brown rot; *Monilinia fructicola*).**

Yoder, K.S. Nicholls, S.A.; Cochran, A.E. II.; Warren, J.R. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1980. v. 35. p. 35. (NAL Call No.: 464.9 AM31R).

0286

**Brown rot control on nectarines, 1980 (Nectarine (*Prunus persica* var. *nectarina*, 'Hardired'), brown rot; *Monilinia fructicola*).**  
Klos, E.J. Chevalier, J.; LaValley, D. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1981. v. 36. p. 31. (NAL Call No.: 464.9 AM31R).

0287

**Brown rot control on peach, 1980 (Peach (*Prunus persica* 'Redhaven', 'Kalhaven', 'Suncrest', 'Sweethaven', 'Jayhaven'), brown rot; *Monilinia fructicola*).**  
Klos, E.J. Chevalier, J.; LaValley, D. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1981. v. 36. p. 33. (NAL Call No.: 464.9 AM31R).

0288

**Brown rot control on peaches, 1982 (*Monilinia fructicola*, *Prunus persica*).**  
Chevalier, J. FNETD. Klos, E.J.; Kurzer, R. (s.l.) : The Society. Fungicide and nematicide tests : results - American Phytopathological Society. 1983. v. 38. p. 117. (NAL Call No.: 464.9 AM31R).

## (PLANT DISEASES - FUNGAL)

0289

Brown rot control with seasonal fungicide spray programs, 1979 (Peach (*Prunus persica*, 'Sunhigh'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* sp.). Hickey, K.D. Davis, A.E.; Berkett, L.P. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1980. v. 35. p. 36-37. (NAL Call No.: 464.9 AM31R).

0290

Brown rot of peaches: an update on managing the disease (*Monilinia fructicola*, Massachusetts). Cooley, D.R. Becker, C.M.; Manning, W.J. Amherst, Mass., The Service. Fruit notes - Cooperative Extension Service, University of Massachusetts. Summer 1982. v. 47 (3). p. 16-19. ill. (NAL Call No.: 275.29 M381FR).

0291

Changes in conidia of *Monilinia fructicola* in response to incubation temperature (Brown rot of peaches, *Prunus persica*, infectivity). Phillips, D.J. PHYTA. St. Paul : American Phytopathological Society. Phytopathology. Oct 1982. v. 72 (10). p. 1281-1283. ill. 19 ref. (NAL Call No.: 464.8 P56).

0292

Cold predisposition of dormant peach twigs to nodal cankers caused by *Leucostoma* spp. (*Leucocytospora cincta*, *Leucocytospora leucostoma*). Dhanvantari, B.N. St. Paul, American Phytopathological Society. Phytopathology. Dec 1978. v. 68 (12). p. 1779-1783. ill. 22 ref. (NAL Call No.: 464.8 P56).

0293

Comparison of ergosterol-inhibiting fungicides for control of brown rot on peaches, 1981 (Peach (*Prunus persica* 'Redhaven' and 'Loring'), brown rot; *Monilinia fructicola*). Ritchie, D.F. Bennett, M.H. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1982. v. 37. p. 38. (NAL Call No.: 464.9 AM31R).

0294

Concentrate sprays of chlorothalonil and captan for control of fruit diseases of peach, 1979 (Peach (*Prunus persica*, 'Loring'), brown rot; *Monilinia fructicola*, scab; *Cladosporium carpophilum*, *Rhizopus* rot; *Rhizopus* sp.). Moore, J.F. Jr. Byers, P.L. (s.l.), The Society. Fungicide and nematicide tests;

results - American Phytopathological Society. 1980. v. 35. p. 39. (NAL Call No.: 464.9 AM31R).

0295

Control of brown rot on prunes, 1979 (*Prune* (*Prunus domestica*, 'Staley'), brown rot; *Monilinia fructicola*).

Jones, A.L. Ehret, G.R.; Comstock, R.E. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1980. v. 35. p. 42. (NAL Call No.: 464.9 AM31R).

0296

Control of brown rot, scab, and *Rhizopus* rot on peach, 1980 (Peach (*Prunus persica* 'Pekin', 'Winblo'), brown rot; *Monilinia fructicola*, scab; *Cladosporium carpophilum*, *Rhizopus* rot; *Rhizopus* spp.).

Ritchie, D.F. Bennett, M.H. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1981. v. 36. p. 35-36. (NAL Call No.: 464.9 AM31R).

0297

Control of fruit brown rot and scab, 1979 (Peach (*Prunus persica*, 'Pekin' and 'Winblo'), brown rot; *Monilinia fructicola*, scab; *Cladosporium carpophilum*).

Ritchie, D.F. Bennett, M.H. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1980. v. 35. p. 39-40. (NAL Call No.: 464.9 AM31R).

0298

Control of fruit scab on nectarines using either 1- or 2-week old cover spray intervals, 1979 (Nectarine (*Prunus persica* var. *nectarina*), scab; *Cladosporium carpophilum*).

Ritchie, D.F. Bennett, M.H. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1980. v. 35. p. 34-35. (NAL Call No.: 464.9 AM31R).

0299

Control of peach brown rot blossom blight with full bloom after-infection spray, 1979 (Peach (*Prunus persica*, 'Madison'), brown rot; *Monilinia fructicola*).

Szkołnik, M. Henecke, L.M. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1980. v. 35. p. 40. (NAL Call No.: 464.9 AM31R).

(PLANT DISEASES - FUNGAL)

0300

Control of peach diseases in an orchard having benomyl-resistant scab, 1981 (Peach (*Prunus persica* 'Loring'), scab; *Cladosporium carpophilum*, brown rot; *Monilinia fructicola*). Chandler, W.A. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1982. v. 37. p. 33. (NAL Call No.: 464.9 AM31R).

0301

Control of postharvest brown rot infections, 1979 (Peach (*Prunus persica*, 'J.H. Hale'), brown rot; *Sclerotinia fructicola*). Koffmann, W. Roberts, E. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1980. v. 35. p. 37. (NAL Call No.: 464.9 AM31R).

0302

Criteria for determining peach variety susceptibility to cytospora canker (*Cytospora leucostoma*). Luepschen, N.S. University Park, Pa., American Pomological Society. Fruit varieties journal. Oct 1981. v. 35 (4). p. 137-140. 15 ref. (NAL Call No.: 80 F9464).

0303

Cytospora (*leucostoma*) canker of peach trees in Colorado: survey of incidence, canker location and apparent infection courts. Luepschen, N.S. Hetherington, J.E. Beltsville, Md., Science and Education Administration, U.S. Dept. of Agriculture. Plant disease reporter. Aug 1979. v. 63 (8). p. 685-687. ill. 4 ref. (NAL Call No.: 1.9 P69P).

0304

Detection and characterization of benomyl-resistant *Monilinia laxa* on apricots (Causes of decayed fruit and blighted twigs, benzimidazole fungicides, California). Ogawa, J.M. Manji, B.T.; Bostock, R.M.; Canez, V.M.; Bose, E.A. St. Paul, American Phytopathological Society. Plant disease. Jan 1984. v. 68 (1). p. 29-31. ill. Includes references. (NAL Call No.: 1.9 P69P).

0305

Dip life of Rovral, 1980 (Peach (*Prunus persica* 'J. H. Hale'), brown rot; *Sclerotinia fructicola*). Koffman, W. Roberts, E. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1981. v. 36. p. 34. (NAL Call No.: 464.9 AM31R).

0306

Distribution in the Southeastern United States of peach tree fungal gummosis caused by *Botryosphaeria dothidea*. Reilly, C.C. St. Paul, Minn., American Phytopathological Society. Plant disease. Feb 1982. v. 66 (2). p. 158-161. ill., map. Includes 12 ref. (NAL Call No.: 1.9 P69P).

0307

'Durbin' nectarine (New cultivar, resistant to *Xanthomonas pruni* and *Monilinia fructicola*). Prince, V.E. Okie, W.R. Alexandria, Va., American Society for Horticultural Science. HortScience. June 1981. v. 16 (3). p. 348. ill. (NAL Call No.: SB1.H6).

0308

Effect of black knot incidence on yield of Stanley prune trees and economic benefits of fungicide protection. PLDRA. Rosenberger, D.A. Gerling, W.D. St. Paul, Minn. : American Phytopathological Society. Plant disease. Dec 1984. v. 68 (12). p. 1060-1064. Includes 12 references.

0309

Effect of soil solarization on populations of selected soilborne microorganisms and growth of deciduous fruit tree seedlings (English walnut (*Juglans regia*), peach (*Prunus persica*) as indicator crops, soil bacteria and fungi). Stapleton, J.J. Devay, J.E. St. Paul, Minn., American Phytopathological Society. Phytopathology. Mar 1982. v. 72 (3). p. 323-326. Includes 22 ref. (NAL Call No.: 464.8 P56).

0310

The effect of surgical removal and fungicide treatment on the eradication of Cytospora canker, 1982 (on peaches, *Prunus persica*). Travis, J.W. FNED. Hickey, K.D. (s.l.) : The Society. Fungicide and nematicide tests : results - American Phytopathological Society. 1983. v. 38. p. 122. (NAL Call No.: 464.9 AM31R).

0311

Effect of temperature on *Monilinia fructicola* conidia produced on fresh stone fruits (Spore size and rate of germination, microclimate, brown rot, peaches, nectarines, California). Phillips, D.J. St. Paul, Minn. : American Phytopathological Society. Plant disease. July 1984. v. 68 (7). p. 610-612. Includes references. (NAL Call No.: 1.9 P69P).

(PLANT DISEASES - FUNGAL)

0312

The effect of Vapor Guard on size and color of Elberta and Cresthaven peaches, 1979 (Peach (*Prunus persica*, 'Elberta' and 'Cresthaven'), growth change; growth regulator).  
Drake, C.R. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1980. v. 35. p. 36. (NAL Call No.: 464.9 AM31R).

0313

Effectiveness of various fungicides and fungicide combinations for control of peach diseases, 1982 (*Monilinia fructicola*, *Rhizopus* sp., *Cladosporium carpophilum*, *Prunus persica*).  
Drake, C.R.FNETD. (s.l.) : The Society. Fungicide and nematicide tests : results - American Phytopathological Society. 1983. v. 38. p. 117-118. (NAL Call No.: 464.9 AM31R).

0314

Effectiveness of various fungicides for disease control of nectarines at Blacksburg during 1981 (Nectarine (*Prunus persica* var. *nectaria* 'Cherokee', 'Lafayette', Red Gold', 'Sunglo'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* sp., scab; *Cladosporium carpophilum*).  
Drake, C.R. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1982. v. 37. p. 31-32. (NAL Call No.: 464.9 AM31R).

0315

Efficacy of experimental fungicides for control of brown rot and *Rhizopus* rot on peach, 1982 (*Monilinia fructicola*, *Rhizopus* sp., *Prunus persica*).  
Hickey, K.D.FNETD. Garretson, M.; May, J. (s.l.) : The Society. Fungicide and nematicide tests : results - American Phytopathological Society. 1983. v. 38. p. 118-119. (NAL Call No.: 464.9 AM31R).

0316

Efficacy of fungicide treatments for prevention of brown rot blossom blight on peach and plum, 1982 (*Monilinia fructicola* on *Prunus persica* and *Prunus domestica*).  
Hickey, K.D.FNETD. Garretson, M.; May, J. (s.l.) : The Society. Fungicide and nematicide tests : results - American Phytopathological Society. 1983. v. 38. p. 119. (NAL Call No.: 464.9 AM31R).

0317

Environmental effects on the development and dissemination of *Cladosporium carpophilum* on peach (Peach scab).  
Lawrence, E.G. Jr. Zehr, E.I. St. Paul, American Phytopathological Society. *Phytopathology*. July 1982. v. 72 (7). p. 773-776. 6 ref. (NAL Call No.: 464.8 P56).

0318

*Eutypa armeniacae* in apricot: pathogenesis and induction of xylem soft rot.  
English, H. Davis, J.R. Berkeley, Calif., California Agricultural Experiment Station. *Hilgardia*. July 1978. v. 46 (6). p. 193-204. illl. 25 ref. (NAL Call No.: 100 C12H).

0319

*Eutypa dieback* of apricot and grape in California.

Moller, W.J. Kasimatis, A.N.; Ramos, D.E.; English, W.H.; Bowers, K.W.; Kissler, J.J.; Rough, D.; Sanborn, R.R. Berkeley, Calif., The Service. Leaflet - University of California, Cooperative Extension Service. Oct 1980. Oct 1980. (21182). 7 p. illl. (NAL Call No.: S544.3.C2C3).

0320

Evaluation of experimental fungicides for brown rot control on peaches, 1979 (Peach (*Prunus persica*, 'Jayhaven' and 'Sweethaven'), brown rot; *Monilinia fructicola*).  
Jones, A.L. Ehret, G.R.; Comstock, R.E. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1980. v. 35. p. 37. (NAL Call No.: 464.9 AM31R).

0321

Evaluation of experimental fungicides for brown rot control on peaches, 1980 (Peach (*Prunus persica* 'Sweethaven'), brown rot; *Monilinia fructicola*).  
Jones, A.L. Ehret, G.R.; Comstock, R.E. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1981. v. 36. p. 33. (NAL Call No.: 464.9 AM31R).

0322

Evaluation of experimental fungicides on peach, 1982 (Control of brown rot, *Monilinia fructicola* and scab, *Cladosporium carpophilum* on peaches, *Prunus persica*).  
Yoder, K.S.FNETD. Cochran, A.E. II; Warren, J.R.; Nicholls, S.A.; Polk, D.C. (s.l.) : The Society. Fungicide and nematicide tests :

(PLANT DISEASES - FUNGAL)

results - American Phytopathological Society. 1983. v. 38. p. 123. (NAL Call No.: 464.9 AM31R).

0323

Evaluation of fungicides for control of peach diseases, 1979 (Peach (*Prunus persica*, 'Red Top' and 'Allred Elberta'), brown rot; *Monilinia fructicola*, scab; *Cladosporium carpophilum*).

Latham, A.J. Carlton, C.C. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1980. v. 35. p. 38. (NAL Call No.: 464.9 AM31R).

0324

Evaluation of fungicides for control of peach diseases, 1980 (Peach (*Prunus persica* 'Allred Elberta'), brown rot; *Monilinia fructicola*, scab; *Cladosporium carpophilum*, *Rhizopus rot*; *Rhizopus spp.*, bacterial spot; *Xanthomonas pruni*).

Latham, A.J. Carlton, C.C. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1981. v. 36. p. 35. (NAL Call No.: 464.9 AM31R).

0325

Evaluation of fungicides for control of peach diseases, 1981 (Peach (*Prunus persica* 'Allred Elberta'), brown rot; *Monilinia fructicola*, scab; *Cladosporium carpophilum*, *Rhizopus rot*; *Rhizopus sp.*, bacterial spot; *Xanthomonas pruni*).

Latham, A.J. Carlton, C.C. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1982. v. 37. p. 36. (NAL Call No.: 464.9 AM31R).

0326

Evaluation of fungicides for control of peach diseases, 1982 (*Monilinia fructicola*, *Cladosporium carpophilum*, *Rhizopus sp.*, *Prunus persica*).

Latham, A.J. FNETD. Carlton, C.C. (s.l.) : The Society. Fungicide and nematicide tests : results - American Phytopathological Society. 1983. v. 38. p. 120. (NAL Call No.: 464.9 AM31R).

0327

Evaluation of various fungicidal dips for *Rhizopus* rot control during 1981 (Peach (*Prunus persica* 'Madison'), *Rhizopus* rot; *Rhizopus sp.*).

Drake, C.R. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1982. v. 37. p. 35. (NAL Call No.: 464.9 AM31R).

0328

Evaluation of various fungicides for disease control on peaches at Blacksburg during 1981 (Peach (*Prunus persica* 'Cresthaven', 'Elberta', 'Jefferson', 'Madison'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus sp.*, scab; *Cladosporium carpophilum*).

Drake, C.R. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1982. v. 37. p. 34-35. (NAL Call No.: 464.9 AM31R).

0329

Experimental fungicides for control of fruit diseases, 1979 (Peach (*Prunus persica*, 'Blake'), scab; *Cladosporium carpophilum*, brown rot; *Monilinia fructicola*).

Zehr, E.I. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1980. v. 35. p. 41. (NAL Call No.: 464.9 AM31R).

0330

Experiments with new peach fungicides in 1981 (Peach (*Prunus persica* 'Redhaven'), brown rot; *Monilinia fructicola*, scab; *Cladosporium carpophilum*).

Zehr, E.I. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1982. v. 37. p. 41. (NAL Call No.: 464.9 AM31R).

0331

Factors affecting spore liberation by *Cladosporium carpophilum* (Peach scab, *Prunus persica*).

Gottwald, T.R. PHYTA. St. Paul : American Phytopathological Society. Phytopathology. Nov 1983. v. 73 (11). p. 1500-1505. ill. Includes references. (NAL Call No.: 464.8 P56).

0332

Field resistance of peach cultivars to gummosis disease (*Botryosphaeria dothidea*).

Daniell, J.W. Chandler, W.A. Alexandria, Va., American Society for Horticultural Science. HortScience. June 1982. v. 17 (3). p. 375-376. 8 ref. (NAL Call No.: SB1.H6).

0333

Fruit decays of peach and apple caused by *Phomopsis malii* (Fungi, storage diseases).

Rosenberger, D.A. Burr, T.J. St. Paul, American Phytopathological Society. Plant disease. Nov 1982. v. 66 (11). p. 1073-1075. ill. 15 ref. (NAL Call No.: 1.9 P69P).

(PLANT DISEASES - FUNGAL)

0334

Fungicide evaluation for control of leaf curl on Elberta peach, 1981 (*Taphrina deformans*, *Prunus persica*).  
MacSwan, I.C.FNETD. (s.l.) : The Society.

Fungicide and nematicide tests : results - American Phytopathological Society. 1983. v. 38. p. 120-121. (NAL Call No.: 464.9 AM31R).

0335

Fungicide evaluation of brown rot blossom blight and fruit rot on Early Italian prune, 1981 (*Monilinia fructicola*, *Monilinia laxa*, *Monilinia sp.*, *Rhizopus sp.*, *Mucor sp.*, *Penicillium sp.*, *Prunus domestica*).  
MacSwan, I.C.FNETD. Gashaira, B. (s.l.) : The Society. Fungicide and nematicide tests : results - American Phytopathological Society. 1983. v. 38. p. 123-124. (NAL Call No.: 464.9 AM31R).

0336

Fungicide evaluation of brown rot blossom blight and fruit rot on Elberta peach, 1981 (*Monilinia fructicola*, *Monilinia laxa*, *Monilinia sp.*, *Prunus persica*).  
MacSwan, I.C.FNETD. Gashaira, B. (s.l.) : The Society. Fungicide and nematicide tests : results - American Phytopathological Society. 1983. v. 38. p. 121. (NAL Call No.: 464.9 AM31R).

0337

Fungicide evaluation of brown rot blossom blight and fruit rot on peach, 1980 (Peach (*Prunus persica* 'Elberta')), brown rot blossom blight; *Monilinia fructicola* and *Monilinia laxa*).  
MacSwan, I.C. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1982. v. 37. p. 36-37. (NAL Call No.: 464.9 AM31R).

0338

Fungicide evaluation of brown rot blossom blight and fruit rot on peach, 1980 (Peach (*Prunus persica* 'Elberta')), brown rot blossom blight; *Monilinia fructicola* and *Monilinia laxa*, fruit rot; *Monilinia sp.*, *Rhizopus sp.*, *Mucor sp.*, and *Penicillium sp.*).  
MacSwan, I.C. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1982. v. 37. p. 37. (NAL Call No.: 464.9 AM31R).

0339

Fungicide evaluation of brown rot blossom blight and fruit rot on prunes, 1978 (*Prune* (*Prunus domestica*, 'Early Italian'), brown rot blossom blight and fruit rot; *Monilinia fructicola* and *Monilinia laxa*).  
MacSwan, I.C. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1980. v. 35. p. 42. (NAL Call No.: 464.9 AM31R).

0340

Fungicide evaluation of brown rot blossom blight and fruit rot on prunes, 1980 (*Prune* (*Prunus domestica* 'Early Italian'), brown rot blossom blight; *Monilinia fructicola* and *Monilinia laxa*, fruit rot; *Monilinia sp.*, *Rhizopus sp.*, *Mucor sp.*, and *Penicillium sp.*).  
MacSwan, I.C. Gashaira, B. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1982. v. 37. p. 42. (NAL Call No.: 464.9 AM31R).

0341

Fungicide evaluation of brown rot blossom blight of peach, 1978 (Peach (*Prunus persica*, 'Improved Elberta'), brown rot blossom blight; *Monilinia fructicola* and *Monilinia laxa*).  
MacSwan, I.C. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1980. v. 35. p. 38-39. (NAL Call No.: 464.9 AM31R).

0342

Fungicide evaluation of brown rot blossom blight on peach, 1978 (Peach (*Prunus persica*, 'Improved Elberta'), brown rot blossom blight; *Monilinia fructicola* and *Monilinia laxa*).  
MacSwan, I.C. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1980. v. 35. p. 38. (NAL Call No.: 464.9 AM31R).

0343

Fungicide evaluation of leaf curl on peaches, 1978 (Peach (*Prunus persica*, 'Rochester'), leaf curl; *Taphrina deformans*).  
MacSwan, I.C. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1980. v. 35. p. 39. (NAL Call No.: 464.9 AM31R).

(PLANT DISEASES - FUNGAL)

0344

Fungicide evaluation of leaf curl on peaches, 1980 (Peach (*Prunus persica* 'Elberta'), leaf curl; *Taphrina deformans*). MacSwan, I.C. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1982. v. 37. p. 37-38. (NAL Call No.: 464.9 AM31R).

0345

Fungicide evaluations for control of brown rot and black knot on prunes, 1979 (Prune (*Prunus domestica*, 'Grand Prize'), brown rot; *Monilinia fructicola*, black knot; *Dibotryon morbosum*). Rosenberger, D.A. Meyer, F.W.; Cecilia, C.V. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1980. v. 35. p. 42. (NAL Call No.: 464.9 AM31R).

0346

Fungicide mixtures for control of brown rot of peach in 1981 (Peach (*Prunus persica* 'Sunhigh'), brown rot; *Monilinia fructicola*). Zehr, E.I. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1982. v. 37. p. 40-41. (NAL Call No.: 464.9 AM31R).

0347

Fungicides for the suppression of spore production on infected twigs, 1981 (Apricot (*Prunus armeniaca*), twig blight; *Monilinia laxa*). Wicks, T. Volle, D. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1982. v. 37. p. 25. (NAL Call No.: 464.9 AM31R).

0348

Fungus causes deterioration of dried prunes (*Rhizopus stolonifer*). Sholberg, P.L. CAGRA. Ogawa, J.M. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. Mar/Apr 1983. v. 37 (3/4). p. 27-28. ill. (NAL Call No.: 100 C12CAG).

0349

Incidence of brown rot and *Rhizopus* rot on peach sprayed with experimental fungicides, 1980 (Peach (*Prunus persica* 'Sunhigh'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* sp.). Hickey, K.D. Parish, P.J.; Garretson, M.; May, J. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1981. v. 36. p. 33.

(NAL Call No.: 464.9 AM31R).

0350

Incidence of *Fusarium* and *Pythium* spp. in peach feeder roots as related to dibromochloropropane application for control of *Criconemella xenoplax* (South Carolina). Nycepir, A.P. Lewis, S.A. St. Paul, Minn. : American Phytopathological Society. Plant disease. June 1984. v. 68 (6). p. 497-499. Includes references. (NAL Call No.: 1.9 P69P).

0351

Influence of preplant soil fumigants on growth and survival of Delicious apple trees planted on a peach tree short life site (Nematoda, Fungi, Georgia).

Miller, S.S. GARBB. Athens : The Stations. Research bulletin - University of Georgia, Experiment Stations. Apr 1982. Apr 1982. (274). 7 p. 12 ref. (NAL Call No.: S51.E2).

0352

Inoculum sources for *Monilinia fructicola* in South Carolina peach orchards (Brown rot, *Prunus persica*, wild plum, *Prunus angustifolia*).

Landgraf, F.A. Zehr, E.I. St. Paul, Minn.. American Phytopathological Society. Phytopathology. Feb 1982. v. 72 (2). p. 185-190. Includes 16 ref. (NAL Call No.: 464.8 P56).

0353

Interaction between *Cytospora leucostoma* and host-phenolic compounds in dormant peach trees. Wisniewski, M. Bogle, A.L.; Shortle, W.C.; Wilson, C.L. Alexandria, Va. : The Society. Journal of the American Society for Horticultural Science. July 1984. v. 109 (4). p. 563-566. ill. Includes 24 references. (NAL Call No.: 81 S012).

0354

Leaf curl control with one fungicide spray at bud swell, 1975 (Peach (*Prunus persica*), leaf curl; *Taphrina deformans*).

Garcia, S. Moscardi, C. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1981. v. 36. p. 32. (NAL Call No.: 464.9 AM31R).

(PLANT DISEASES - FUNGAL)

0355

**Leaf curl fungicides (for control of Taphrina deformans, diseases of peach and nectarine trees).**

McCain, A.H. Berkeley : The Service. California plant pathology - Cooperative Extension Service, University of California. Sept 1983. Sept 1983. (64). p. 1-2. Includes references. (NAL Call No.: SB599.C3).

Stations. July 1982. July 1982. (399). 7 p. ill. Includes references. (NAL Call No.: S51.E22).

0356

**Leaf curl (Taphrina deformans) control in peaches and nectarines.**

Moller, W.J. CA. McCain, A.H.; Chaney, D.H. Berkeley, The Service. Leaflet - Division of Agricultural Sciences, University of California. California. University, Berkeley. Cooperative Extension Service. Nov 1979. Nov 1979. (2613). 3 p. ill. (NAL Call No.: S544.3.C2C3).

0361

**Opportunities for fewer fungicide applications on peaches.**

Zehr, E.I. Fayetteville : Arkansas State Horticultural Society. Proceedings of the ... annual meeting - Arkansas State Horticultural Society. 1981. 1981. (102nd). p. 109-113. 5 ref. (NAL Call No.: SB21.A7A7).

0357

**Mertect 340-F as a wound protectant against Cytospora (leucostoma) canker on peaches.**

Luepschen, N.S. Ft. Collins. Progress reportColorado. Experiment Station. Nov 1978. Nov 1978. (25). 2 p. ill. (NAL Call No.: 100 C71C).

0362

**Pathological considerations when establishing a peach planting (Phytophthora, chemical control).**

Springer, J.K. New Brunswick, N.J., New Jersey State Horticultural Society. Horticultural news. Spring 1981. v. 61 (2). p. 15-16. (NAL Call No.: 81 N46).

0358

**Mycelial growth, peach fruit-rotting capability, and sporulation of strains of Monilinia fructicola resistant to dichloran, iprodione, procymidone, and vinclozolin (Brown rot, Prunus persica, parasitic fitness of pathogen resistant to fungicides).**

Ritchie, D.F. PHYTA. St. Paul : American Phytopathological Society. Phytopathology. Jan 1983. v. 73 (1). p. 44-47. 20 ref. (NAL Call No.: 464.8 P56).

0363

**Peach blossom blight control by standard and experimental fungicides, 1979 (Peach (Prunus persica, 'Washington'), brown rot; Monilinia fructicola).**

Yoder, K.S. Nicholls, S.A.; Cochran, A.E. II.; Warren, J.R. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1980. v. 35. p. 40-41. (NAL Call No.: 464.9 AM31R).

0359

**New Harrow peach varieties: tree mortality and disease susceptibility under Colorado conditions (Sunscald, Cytospora canker, Coryneum blight).**

Luepschen, N.S. Dickens, L.E. Ft. Collins. Progress reportColorado. Experiment Station. May 1977. May 1977. (19). 2 p. ill. (NAL Call No.: 100 C71C).

0364

**Peach brown rot by John W. Roberts and John C. Dunegan.**

Roberts, John W. Washington, D.C. U.S. Dept. of Agriculture 1932. 60 p.. 10 leaves of plates : ill. - Bibliography: p. 54-59. (NAL Call No.: Fiche S-69 no.328).

0360

**Observations on long-term survival of Clitocybe tabescens and infection of peach trees (Georgia).**

Chandler, W.A. Daniell, J.W. Athens : The Stations. Research report - University of Georgia, College of Agriculture, Experiment

0365

**Peach brown rot trial, 1982 (Monilinia fructicola, Prunus persica).**

Jones, A.L. FNETD. Ehret, G.R.; Comstock, R.E. (s.l.) : The Society. Fungicide and nematicide tests : results - American Phytopathological Society. 1983. v. 38. p. 120. (NAL Call No.: 464.9 AM31R).

(PLANT DISEASES - FUNGAL)

0366

Peach fungicide trial, 1981 (Peach (*Prunus persica* 'Jefferson')), scab; *Cladosporium carpophilum*, powdery mildew; *Sphaerotheca pannosa*, Rhizopus rot; *Rhizopus* sp., Brown rot; *Monilinia fructicola*). Chandler, W.A. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1982. v. 37. p. 33. (NAL Call No.: 464.9 AM31R).

0367

Peach leaf curl.

Pecknold, Paul C. Document available from: Purdue University, Publication Mailing Room, 301 South Second Street, Lafayette, Indiana 47905 1979. Includes peach leaf curl symptoms, cause and control. 1 sheet : ill. (NAL Call No.: Document available from source.). (NAL Call No.: BP-3-6).

0368

Peach leaf curl.

Boosalis, M. G. Riesselman, J. H. & NebGuide. Document available from: University of Nebraska-Lincoln, Dept. of Agricultural Communications, Lincoln, Nebraska 68583 1978. Outlines description and control methods for peach leaf curl. 1 sheet : ill. (NAL Call No.: Document available from source.). (NAL Call No.: G 73-72).

0369

Peach scab control on current season nectarine twigs during 1981 (Nectarine (*Prunus persica* var. *nectaria* 'Red Gold')), scab; *Cladosporium carpophilum*).

Drake, C.R. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1982. v. 37. p. 32. (NAL Call No.: 464.9 AM31R).

0370

Phytophthora root and crown rot and stem canker of peach trees.

Mircetich, S.M.J. Martinsburg, W. Va. : The Council. Proceedings ... annual convention - National Peach Council. 1984. 1984. (43rd). p. 17-21. Includes references. (NAL Call No.: SB371.N3).

0371

Plant diseases: Peach leaf curl (*Taphrina deformans*).

Maloy, O.C. Byther, R.S. Pullman, Wash., The Service. E.M.Washington State University. Cooperative Extension Service. Jan 1979. Jan 1979. (3042). 2 p. ill. (NAL Call No.: 275.29

W27MI)

0372

Plant diseases: Peach leaf curl (*Taphrina deformans*).

Maloy, O.C. Byther, R.S. Pullman, Wash., The Service. Extension bulletin - Washington State University, Cooperative Extension Service. Mar 1982. Mar 1982. (1046). 2 p. ill. (NAL Call No.: 275.29 W27P).

0373

Plum (*Prunus*) disorder: plum pockers (*Taphrina communis*).

Heimann, M.F. Moore, J.D. Madison, Wis., The Programs. Publication - Cooperative Extension Programs, University of Wisconsin Extension. Apr 1981. Apr 1981. (A3106). 2 p. ill. (NAL Call No.: S544.3.W6W53).

0374

Postharvest biological control of stone fruit brown rot by *Bacillus subtilis* (*Monilinia fructicola*, peaches, nectarines, apricots, plums).

Pusey, P.L. Wilson, C.L. St. Paul, Minn. : American Phytopathological Society. Plant disease. Sept 1984. v. 68 (9). p. 753-756. ill. Includes 21 references. (NAL Call No.: 1.9 P69P).

0375

Postharvest brown rot of peaches and inoculum density of *Monilinia fructicola* (Wint.).

Phillips, D.J. Harris, C.M. Oakland, Calif., The Region. Agricultural research results. ARR-W.United States. Dept. of Agriculture. Science and Education Administration. Western Region. June 1979. June 1979. (9). 12 p. ill. 18 ref. (NAL Call No.: aS21.S22U5).

0376

Postharvest decay of peaches (in Georgia, fungi, fungicides).

Bertrand, P. Athens, Ga., The Service. Leaflet - Cooperative Extension Service, University of Georgia. Sept 1981. Sept 1981. (346). 4 p. ill. (NAL Call No.: 275.29 G29L).

0377

Postharvest decay, respiration, ethylene production, and quality of peaches held in controlled atmospheres with added carbon monoxide (*Monilinia fructicola*).

Kader, A.A. El-Goorani, M.A.; Sommer, N.F. Alexandria, The Society. Journal of the

## (PLANT DISEASES - FUNGAL)

American Society for Horticultural Science. Sept 1982. v. 107 (5). p. 856-859. ill. 16 ref. (NAL Call No.: 81 S012).

0378

**Preharvest and postharvest treatments for control of fruit decay in peaches, 1980 (Peach (*Prunus persica* 'Sunhigh')), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* spp.).**

Zehr, E.I. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1981. v. 36. p. 37. (NAL Call No.: 464.9 AM31R).

0379

**Preliminary report on the wilting (caused by *Phytophthora* crown) and death of peach trees in West Virginia orchards.**

Barrat, J.G. Martinsburg, W. Va., West Virginia Horticultural Society. The Mountaineer grower. Oct 1980. Oct 1980. (414). p. 3-4. (NAL Call No.: 80 M86).

0380

**Pruning technique affects dieback and *Cytospora* infection in peach trees (*Prunus persica*).**

Wilson, C.L. Miller, S.S.; Otto, B.E.; Eldridge, B.J. Alexandria, Va. : American Society for Horticultural Science. HortScience Apr 1984. v. 19 (2). p. 251-253. ill. Includes references. (NAL Call No.: SB1.H6).

0381

**Reaction of peach and nectarine cultivars and selections to infection by *Botryosphaeria* dothidea.**

Okie, W.R. JOSHB. Reilly, C.C. Alexandria : The Society. Journal of the American Society for Horticultural Science. Mar 1983. v. 108 (2). p. 176-179. ill. Includes references. (NAL Call No.: 81 S012).

0382

**A red spot fruit blemish (caused by *Alternaria alternata*) in apricots.**

Larsen, H.J. Jr. Covey, R.P. Jr.; Fischer, W.R. St. Paul, Minn., American Phytopathological Society. Phytopathology. Feb 1980. v. 70 (2). p. 139-142. ill. 11 ref. (NAL Call No.: 464.8 P56).

0383

**Reduced use of fungicides and insecticides on peaches.**

Zehr, E.I. Miller, R.W.; Gorsuch, C.S. Martinsburg, W. Va. : The Council. Proceedings ... annual convention - National Peach Council. 1984. 1984. (43rd). p. 87-95. (NAL Call No.: SB371.N3).

0384

**Rhizopus and brown rot control on nectarines at Blacksburg, 1979 (Nectarine (*Prunus persica* var. *nectarina*, 'Cherokee', 'Cavalier', 'Lafayette', 'Lexington', and 'Red Bud'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* sp.).**

Drake, C.R. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1980. v. 35. p. 34. (NAL Call No.: 464.9 AM31R).

0385

**Role of conidia of *Botryosphaeria dothidea* in the natural spread of peach tree (*Prunus persica*) gummosis (in Georgia).**

Weaver, D.J. St. Paul, American Phytopathological Society. Phytopathology. Apr 1979. v. 69 (4). p. 330-334. ill. 14 ref. (NAL Call No.: 464.8 P56).

0386

**Scab, brown rot and rhizopus rot control on peaches at Blacksburg during 1980 (Peach (*Prunus persica* 'Cresthaven', 'Elberta', 'Jefferson', 'Glohaven', 'Madison', 'Monroe'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* sp., scab; *Cladosporium carpophilum*).**

Drake, C.R. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1981. v. 36. p. 31-32. (NAL Call No.: 464.9 AM31R).

0387

**Scab, Rhizopus rot and brown rot control on nectarines at Blacksburg during 1980 (Nectarine (*Prunus persica* var. *nectaria* 'Cherokee', 'Red Gold'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* sp., scab; *Cladosporium carpophilum*).**

Drake, C.R. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1981. v. 36. p. 30-31. (NAL Call No.: 464.9 AM31R).

(PLANT DISEASES - FUNGAL)

0388

Spraying peaches for the control of brown-rot, scab, and curculio. W.M. Scott and A.L. Quaintance. - . Scott, W. M. Washington, D.C. : U.S. Dept. of Agriculture, 1918. 24 p. : ill. - .

0389

The spread of a powdery mildew (*Oidium sp.*) of peach.

Kable, P.F. Fried, P.M.; MacKenzie, D.R. St. Paul, Minn., American Phytopathological Society. *Phytopathology*. July 1980. v. 70 (7). p. 601-604. ill. 10 ref. (NAL Call No.: 464.8 P56).

0390

Status of benomyl resistance in *Monilinia laxa* (Peaches and nectarines, blossom blight, and fruit rot).

Canez, V.M. Jr. Ogawa, J.M. Berkeley, Calif., The Service. California plant pathology - Cooperative Extension Service, University of California. June 1982. June 1982. (57). p. 1-2. (NAL Call No.: SB599.C3).

0391

A study of the perennial canker of peach, with emphasis on the physiology of causal organism as related to pathogenesis / by Chandrarajanand Gairola.

Gairola, Chandrarajanand, 1941. 1969. Thesis (Ph.D.)--University of Illinois, 1969. Photocopy. Ann Arbor, Mich. : University Microfilms, 1971. vii, 70 leaves ; 21 cm. Bibliography: leaves 64-69. (NAL Call No.: DISS 70-13,321).

0392

Suppression of *Monilinia laxa* spore production by fungicides applied to infected apricot twigs during dormancy (Prochloraz, benomyl, iprodione, procymidone, imazalil, triadimefon, fenarimol).

Wicks, T. St. Paul, Minn., American Phytopathological Society. Plant disease. Nov 1981. v. 65 (11). p. 911-912. 10 ref. (NAL Call No.: 1.9 P69P).

0393

Susceptibility and inheritance of susceptibility to peach leaf curl in peach and nectarine cultivars (Fungal plant pathogen, *Taphrina deformans*).

Ritchie, D.F. Werner, D.J. St. Paul, Minn., American Phytopathological Society. Plant disease. Sept 1981. v. 65 (9). p. 731-734. ill. 11 ref. (NAL Call No.: 1.9 P69P).

0394

Susceptibility of peach tree pruning wounds to fungal gummosis as affected by time of pruning (*Botryosphaeria dothidea*, *Prunus persica*, benomyl, captan).

Reilly, C.C. Okie, W.R. Alexandria, Va. : American Society for Horticultural Science. HortScience. Apr 1984. v. 19 (2). p. 247-248. Includes references. (NAL Call No.: SB1.H6).

0395

Tank-mix combinations of Botran and Benlate for control of brown rot, 1981 (Peach (*Prunus persica* 'Redhaven' and 'Loring'), brown rot; *Monilinia fructicola*).

Ritchie, D.F. Bennett, M.H. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1982. v. 37. p. 39. (NAL Call No.: 464.9 AM31R).

0396

Taste a real plum (Includes varieties, includes insect and fungal diseases).

Kane, M. Emmaus : Rodale Press. Organic gardening. Feb 1984. v. 31 (2). p. 106-112. ill. (NAL Call No.: 57.8 OR32).

0397

Trichoderma as a biological control for *Cytospora leucostoma* canker (of peach trees in Colorado).

Smiley, E.T. CO. Luepschen, N.S.; Newby, L. Ft. Collins, Colo., The Station. Progress report - Colorado State University Extension Station. Colorado. Experiment Station. Nov 1979. Nov 1979. (12). 2 p. ill. (NAL Call No.: 100 C71C).

0398

A wound-freezing inoculation technique for evaluating resistance to *Cytospora leucostoma* in young peach trees (*Prunus persica*).

Scorza, R. Pusey, P.L. St. Paul, Minn. : American Phytopathological Society. *Phytopathology*. May 1984. v. 74 (5). p. 569-572. Includes references. (NAL Call No.: 464.8 P56).

0399

Wounds in peach trees (Associated with decay and production loss, West Virginia (*Prunus persica*)).

Shigo, A.L. Wilson, C.L. St. Paul, Minn., American Phytopathological Society. Plant disease. Oct 1982. v. 66 (10). p. 895-897. ill. 7 ref. (NAL Call No.: 1.9 P69P).

(PLANT DISEASES - FUNGAL)

0400

A 10-year evaluation of peach variety susceptibility to Cytospora canker and other diseases with harvest data comparisons (*Cytospora leucostoma* or *Leucostoma personii*). Luepschen, N.S. Ft. Collins, Colo., The Station. Progress report - Colorado State University Experiment Station. Jan 1981. Jan 1981. (1). 2 p. (NAL Call No.: 100 C71C).

0401

A 7-day recording volumetric spore trap (*Monilinia fructicola*, *Venturia inaequalis*, *Prunus persica*, peaches, epidemiology). Gadoury, D.M. PHYTA. MacHardy, W.E. St. Paul : American Phytopathological Society. Phytopathology. Nov 1983. v. 73 (11). p. 1526-1531. ill. Includes references. (NAL Call No.: 464.8 P56).

# PLANT DISEASES - BACTERIAL

0402

**Apple and peach varieties for Oklahoma (Susceptibility to bacterial leafspot).**  
Taylor, G. Smith, M. Stillwater. O.S.U. extension facts. Science serving agricultureOklahoma State University. Cooperative Extension Service. Mar 1979. Mar 1979. (6210). 2 p. ill. (NAL Call No.: S544.3.0505).

0403

**Axenic culture of the bacteria associated with phony disease of peach and plum leaf scald.**  
Davis, M.J. French, W.J.; Schaad, N.W. New York, Springer International. Current microbiology. 1981. v. 6 (5). p. 309-314. ill. Includes 35 ref. (NAL Call No.: QR1.C78).

0404

**The bacterial spot disease of the peach and other stone fruits by John C. Dunegan.**  
Dunegan, John C. (John Clymer), 1898. Washington, D.C. U.S. Dept. of Agriculture 1932. 54 p., 7 leaves of plates : ill, map -. Bibliography: p. 51-53. (NAL Call No.: Fiche S-69 no.273).

0405

**Bacterial spot (*Xanthomonas pruni*) susceptibility in low chilling peaches.**  
Sherman, W.B. Lyrene, P.M. University Park, Pa., American Pomological Society. Fruit varieties journal. Apr 1981. v. 35 (2). p. 74-76. (NAL Call No.: 80 F9464).

0406

**Crown gall of peaches from Maryland, South Carolina, and Tennessee and problems with biological control (*Agrobacterium tumefaciens*).**  
Alconero, R. AR-NE. St. Paul, Minn., American Phytopathological Society. Plant disease. Sept 1980. v. 64 (9). p. 835-838. ill. 11 ref. (NAL Call No.: 1.9 P69P).

0407

**Detection of pathogenicity, measurement of virulence, and determination of strain variation in *Pseudomonas syringae* pv. *syringae* (Peaches).**  
Endert, E. Ritchie, D.F. St. Paul, Minn. : American Phytopathological Society. Plant disease. Aug 1984. v. 68 (8). p. 677-680. ill. Includes 18 references. (NAL Call No.: 1.9 P69P).

0408

**'Durbin' nectarine (New cultivar, resistant to *Xanthomonas pruni* and *Monilia fructicola*).**  
Prince, V.E. Okie, W.R. Alexandria, Va., American Society for Horticultural Science. HortScience. June 1981. v. 16 (3). p. 348. ill. (NAL Call No.: SB1.H6).

0409

**Effect of leaf scald disease varies among plum varieties (Rickettsia bacterium, Alabama).**  
Norton, J.D. HARAA. Snell, V.M.; Bryce, H.M.; Latham, A.J.; Carlton, C.C.; Short, K.C.; Griffey, W.A.; Burgess, H.E.; Starling, J.G.; Ivey, H.W. Auburn : The Station. Highlights of agricultural research - Alabama, Agricultural Experiment Station. Winter 1982. v. 29 (4). p. 10. (NAL Call No.: 100 AL1H).

0410

**Effect of number of bacteria on cold injury of rooted cuttings from phony-infected and uninfected peach trees (Rickettsia-like bacterium in the xylem, in central and southern Georgia).**  
Daniell, J.W. Kremer, G.W. Alexandria, Va. : American Society for Horticultural Science. HortScience. June 1984. v. 19 (3, sec.1). p. 423-424. ill. Includes references. (NAL Call No.: SB1.H6).

0411

**Effect of soil solarization on populations of selected soilborne microorganisms and growth of deciduous fruit tree seedlings (English walnut (*Juglans regia*), peach (*Prunus persica*) as indicator crops, soil bacteria and fungi).**  
Stapleton, J.J. DeVay, J.E. St. Paul, Minn., American Phytopathological Society. Phytopathology. Mar 1982. v. 72 (3). p. 323-326. Includes 22 ref. (NAL Call No.: 464.8 P56).

0412

**Effectiveness of antibiotics for control of bacterial spot (*Xanthomonas pruni*) of peach in southwestern Ontario.**  
Dhanvantari, B.N. Dirks, V.A. Ottawa, Agricultural Institute of Canada. Canadian journal of plant science. Oct 1978. v. 58 (4). p. 953-959. ill. 11 ref. (NAL Call No.: 450 C16).

(PLANT DISEASES - BACTERIAL)

0413

Effects of trunk injections of oxytetracycline on bacterial spot disease (*Xanthomonas pruni*) in peach trees.

Keil, H.L. Civerolo, E.L. Beltsville, Md., Plant Science Research Division, Agricultural Research Service, U.S. Dept. of Agriculture. Plant disease reporter. Jan 1979. v. 63 (1). p. 1-5. ill. 8 ref. (NAL Call No.: 1.9 P69P).

71-100. Includes references. (NAL Call No.: SB731.P55 V.2).

0414

Enzyme-linked immunosorbent assays for detection of xylem-limited bacteria: use of Trinder reagent (4-aminoantipyrine, phony peach disease).

Saunders, M.S. APMBA. French, W.J. Washington : American Society for Microbiology. Applied and environmental microbiology. Aug 1983. v. 46 (2). p. 344-347. Includes references. (NAL Call No.: 448.3 AP5).

0419

Geographical and seasonal occurrence, abundance, and distribution of phony peach disease vectors and vector response to age and condition of peach orchards and a disease host survey of johnsongrass for rickettsia-like bacteria in the southeastern United States. Yonce, C.E. GENSA. Athens : The Society. Journal of the Georgia Entomological Society. July 1983. v. 18 (3). p. 411-418. ill., maps. Includes references. (NAL Call No.: QL461.G4).

0415

Etiology of phony peach and plum leaf scald diseases (Rickettsialike bacteria).

Wells, J.M. Raju, B.C.; Thompson, J.M.; Lowe, S.K. St. Paul, Minn., American Phytopathological Society. Phytopathology. Nov 1981. v. 71 (11). p. 1156-1161. ill. 25 ref. (NAL Call No.: 464.8 P56).

0420

Incidence of plum leaf scald in Alabama (Rickettsia-like organisms).

Latham, A.J. Norton, J.D. Auburn, Ala., The Station. Bulletin - Alabama Agricultural Experiment Station. Oct 1980. Oct 1980. (525). 15 p. ill. 11 ref. (NAL Call No.: 100 AL1S (1)).

0416

Evaluation of fungicides for control of peach diseases, 1981 (Peach (*Prunus persica* 'Allred Alberta'), brown rot; *Monilinia fructicola*, scab; *Cladosporium carpophilum*, *Rhizopus* rot; *Rhizopus* sp., bacterial spot; *Xanthomonas pruni*).

Latham, A.J. Carlton, C.C. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1982. v. 37. p. 36. (NAL Call No.: 464.9 AM31R).

0421

Isolation, culture, and pathogenicity of the bacterium causing phony disease of peach (*Prunus persica*).

Wells, J.M. PHYTA. Raju, B.C.; Nyland, G. St. Paul : American Phytopathological Society. Phytopathology. June 1983. v. 73 (6). p. 859-862. ill. 11. Includes references. (NAL Call No.: 464.8 P56).

0417

Factors affecting colonization of an orchard by leafhopper (Homoptera: Cicadellidae) vectors of peach X-disease (Connecticut).

McClure, M.S. College Park, Md., Entomological Society of America. Environmental entomology. June 15, 1982. v. 11 (3). p. 695-700. ill. Includes ref. (NAL Call No.: QL461.E532).

0422

Leaf scald on plum shoots growing from disease-free buds (infected with rickettsialike organisms).

Latham, A.J. Norton, J.D.; Folsom, M.W. St. Paul, Minn., American Phytopathological Society. Plant disease. Nov 1980. v. 64 (11). p. 995-996. ill. 6 ref. (NAL Call No.: 1.9 P69P).

0418

Fastidious prokaryotes: epidemiology of the hidden pathogens (Mycoplasmas, insect vectors, stone fruits, grapes, peach).

Rosenberger, D.A. New York : Academic Press, 1982. Phytopathogenic prokaryotes / edited by M.S. Mount, G.H. Lacy. Literature review. p.

0423

Medium for isolation and growth of bacteria associated with plum leaf scald and phony peach diseases.

Wells, J.M. Raju, B.C.; Nyland, G.; Lowe, S.K. Washington, D.C., American Society for Microbiology. Applied and environmental microbiology. Aug 1981. v. 42 (2). p. 357-363. ill. 23 ref. (NAL Call No.: 448.3 AP5).

(PLANT DISEASES - BACTERIAL)

0424

**Occurrence in Johnsongrass (*Sorghum halepense*) of rickettsia-like bacteria related to the phony peach disease organism (in Georgia).**  
Weaver, D.J. AR-50. Raju, B.C.; Wells, J.M.; Lowe, S.K. St. Paul, Minn., American Phytopathological Society. Plant disease. May 1980. v. 64 (5). p. 485-487. ill. 14 ref. (NAL Call No.: 1.9 P69P).

0425

**Overwintering and survival of *Pseudomonas syringae* pv. *syringae* and symptom development in peach trees (*Prunus persica*, bacterial canker).**  
Endert, E. Ritchie, D.F. St. Paul, Minn. : American Phytopathological Society. Plant disease. June 1984. v. 68 (6). p. 468-470. Includes references. (NAL Call No.: 1.9 P69P).

0426

**Peach cultivar (Late maturing yellow freestone peach, large round firm fruit, bright red skin color, improved tolerance to common bacterial leaf spot disease).**  
Bailey, C.H. Hough, L.F. (n.p.), The Office. Plant patent - United States Patent Office. July 15, 1980. July 15, 1980. (4572). 2 p. plate. (NAL Call No.: 156.65 P69).

0427

**Peach tree short life: a complex of interacting factors (Freeze injury, *Pseudomonas syringae*).**  
Ritchie, D.F. Clayton, C.N. St. Paul, Minn., American Phytopathological Society. Plant disease. June 1981. v. 65 (6). p. 462-469. ill. 17 ref. (NAL Call No.: 1.9 P69P).

0428

**Phony peach disease (caused by a rickettsialike bacterium).**  
French, W.J. Crocker, T.E. Martinsburg, W. Va., The Council. Proceedings ... annual convention National Peach Council. National Peach Council. 1980. 1980. (39th). p. 51-56. ill. 11 ref. (NAL Call No.: SB371.N3).

0429

**Plum leaf scald: isolation, culture, and pathogenicity of the casual agent (*Prunus*, bacteria).**  
Raju, B.C. PHYTA. Wells, J.M.; Nyland, G.; Bransky, R.H.; Lowe, S.K. St. Paul : American Phytopathological Society. Phytopathology. Nov 1982. v. 72 (11). p. 1460-1466. ill. 26 ref. (NAL Call No.: 464.8 P56).

0430

**Rating scales to assess cold injury and bacterial canker development in peach trees in the field (*Pseudomonas syringae*, Georgia).**  
Yadava, U.L. Doud, S.L.; Weaver, D.J. Alexandria, Va. : American Society for Horticultural Science. HortScience. Oct 1984. v. 19 (5). p. 645-648. ill. Includes 8 references. (NAL Call No.: SB1.H6).

0431

**Reducing bacterial canker damage in French prunes (caused by *Pseudomonas syringae*, California).**  
English, H. CAGRA. De Vay, J.E.; Schick, F.J.; Lownsbery, B.F. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. May/June 1983. v. 37 (5/6). p. 10-11. (NAL Call No.: 100 C12CAG).

0432

**Reducing populations of vector leafhoppers is a new approach to X-disease control (Mycoplasma disease of peaches and nectarines).**  
Lacy, G.H. CT. McClure, M.S.; Andreadis, T.G. New Haven, Connecticut Agricultural Experiment Station. Frontiers of plant science. Fall 1979. v. 32 (1). p. 2-4. ill. (NAL Call No.: 100 F92).

0433

**Rickettsia-like bacteria in peach roots preceded development of visual symptoms of phony peach disease and changes in leaf elemental concentrations (*Prunus persica*).**  
Evert, D.R. Gaines, T.P.; French, W.J. Alexandria, Va., The Society. Journal of the American Society for Horticultural Science. Nov 1981. v. 106 (6). p. 780-782. Includes 12 ref (NAL Call No.: 81 S012).

0434

**Role of wild host plants in the feeding, oviposition, and dispersal of *Scaphytopius acutus* (Homoptera: Cicadellidae), a vector of peach X-disease.**  
McClure, M.S. College Park, Md., Entomological Society of America. Environmental entomology. June 15, 1980. v. 9 (3). p. 283-292. ill. 19 ref. (NAL Call No.: QL461.E532).

(PLANT DISEASES - BACTERIAL)

0435

Seasonal patterns of activity of adult leafhopper vectors (*Homalodisca*, *Oncometopia*, *Graphocephala*, *Cuerna*) of phony peach disease (caused by a rickettsia-like bacterium) in north Florida.

Ball, J.C. College Park, Md., Entomological Society of America. Environmental entomology. Aug 1979. v. 8 (4). p. 686-689. ill. 8 ref. (NAL Call No.: QL461.E532).

0436

Serology and pathology of *Pseudomonas syringae* and epidemiology of the bacterial canker disease of French prune / by Jack Duane Otta. Otta, Jack Duane. Ann Arbor, Mich. University Microfilms 1971. Thesis--University of California, Davis, 1971. Facsimile produced by microfilm-xerography. vii, 114 leaves. Includes bibliographies. (NAL Call No.: DISS 70-26,495).

0437

A specific fluorescent antibody for detection of syringomycin (a toxin produced by *Pseudomonas syringae*) in infected peach tree tissues.

Paynter, V.A. Alconero, R. St. Paul, American Phytopathological Society. Phytopathology. May 1979. v. 69 (5). p. 493-496. ill. 14 ref. (NAL Call No.: 464.8 P56).

0438

Surveys of leafhoppers (Homoptera: Cicadellidae) and pear psylla (Homoptera: Psyllidae) in pear and peach orchards and the spread of peach yellow leaf roll disease. JEENAI. Purcell, A.H. Suslow, K.G. College Park, Md. : Entomological Society of America. Journal of economic entomology. Dec 1984. v. 77 (6). p. 1489-1494. Includes references.

# PLANT DISEASES - VIRAL

0439

An agent associated with bee-stored pollen that degrades intact viruses.

PHYTAJ. Cole, A. Mink, G.I. St. Paul, Minn. : American Phytopathological Society. *Phytopathology*. Nov 1984. v. 74 (11). p. 1320-1324. Includes 8 references.

0440

Bioassay of clover wound tumor virus and the mycoplasmalike organisms of peach Western X and aster yellows (R.F. Whitcomb).

Whitcomb, R. F. Washington, D.C. U.S. Dept. of Agriculture, Economic Research Service 1972. 32 p. : ill. - . Bibliography: p. 28-32. (NAL Call No.: Fiche S-69 no.1438).

0441

Brownline spreading in prunes (Virus disease, California).

Hoy, J.W. Stockton, Ca., Diamond/Sunsweet Inc. Diamond/Sunsweet news. Feb/Nov 1980. v. 2 (1). p. 5, 22. ill. (NAL Call No.: SB401.A1D5).

0442

Brownline of prune trees, a disease associated with tomato ringspot virus infection of Myrobalan (plum) and peach rootstocks.

Mircetich, S.M. Hoy, J.W. St. Paul, Minn., American Phytopathological Society. *Phytopathology*. Jan 1981. v. 71 (1). p. 30-35. ill. 26 ref. (NAL Call No.: 464.8 P56).

0443

The cause and control of prune brownline disease (Mechanically transmitted virus from Myrobalan and peach rootstocks, California). Hoy, J.W. Mircetich, J.S.M.; Bethell, R.S.; DeTar, J.E.; Holmberg, D.M. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. July/Aug 1984. v. 38 (7/8). p. 12-13. ill. (NAL Call No.: 100 C12CAG).

0444

Clonal variability in *Myzus persicae* Sulz. (Homoptera, Aphididae) (Serious pest of tobacco, peach, and other crops, vector of pathogenic viruses of many plants). Kolesova, D.A. Kuznetsova, V.G.; Shaposhnikov, G.Kh. Silver Spring, Md., Scripta Publishing. Entomological review. July/Sept 1980. Translated from: Entomologicheskoe obozrenie, p. 514-. (421 R322). v. 59 (3). p. 21-34. Includes 2 p. ref. (NAL Call No.: 421 R322AE).

0445

Comparison of enzyme-linked immunosorbent assay procedures for detection of tomato ringspot virus in woody and herbaceous hosts (*Chenopodium quinoa*, *geraniums*, *apples*, and *peaches*, *Pelargonium X hortorum*).

Powell, C.A. St. Paul, Minn. : American Phytopathological Society. *Plant disease*. Oct 1984. v. 68 (10). p. 908-909. Includes 12 references. (NAL Call No.: 1.9 P69P).

0446

Comparison of yellow holocyclic and green anholocyclic strains of *Myzus persicae* (Sulzer): transmission of beet western yellows virus (Green peach aphid, Washington). Tamaki, G. Nawrocka, B.; Fox, L.; Annis, B.; Gupta, R.K. College Park, Md., Entomological Society of America. *Environmental entomology*. Feb 1982. v. 11 (1). p. 234-238. Includes 15 ref. (NAL Call No.: QL461.E532).

0447

Decline of apple, prune, and peach trees caused by a nematode-transmitted virus.

Rosenberger, D.A. NYHSA. Gonsalves, D.; Cummins, J.N. (S.I.) : The Society. *Proceedings of the ... annual meeting - New York State Horticultural Society*. 1983. v. 128. p. 81-85. Includes references. (NAL Call No.: 81 N484).

0448

Detection of *Prunus* necrotic ringspot and prune dwarf viruses in *Prunus* seed and seedlings by enzyme-linked immunosorbent assay (Results of sampling commercial nursery stock in Washington and Montana, 1981-1983).

Mink, G.I. Aichele, M.D. St. Paul, Minn. : American Phytopathological Society. *Plant disease*. May 1984. v. 68 (5). p. 378-381. Includes references. (NAL Call No.: 1.9 P69P).

0449

Detection of tomato ringspot virus in peach orchards (*Prunus* stem pitting, *Xiphinema americanum* and *Xiphinema rivesi* as agents of transmission, broadleaf weeds as virus reservoirs, dagger nematodes, enzyme-linked immunosorbent assay).

Barrat, J.G. Scorza, R.; Otto, B.E. St. Paul, Minn. : American Phytopathological Society. *Plant disease*. Mar 1984. v. 68 (3). p. 198-200. Includes references. (NAL Call No.: 1.9 P69P).

(PLANT DISEASES - VIRAL)

0450

Differential transmission of *Prunus* tomato ringspot virus strains by *Xiphinema californicum*.  
Hoy, J.W. Mircetich, S.M.; Lownsbery, B.F. St. Paul : American Phytopathological Society. *Phytopathology*. Mar 1984. v. 74 (3). p. 332-335. ill. Includes references. (NAL Call No.: 464.8 P56).

0451

Distribution of prune dwarf and necrotic ringspot viruses in *Prunus* tissues and behavior of the viruses in seeds / by El-Sayed Abdel Aziz Megahed.  
Megahed, El-Sayed Abdel Aziz, 1939. 1969. Thesis (Ph.D.)--University of Wisconsin, 1969. Photocopy. Ann Arbor, Mich. : University Microfilms, 1970. iv, 145 leaves : ill. ; 21 cm. Bibliography: leaves 135-145. (NAL Call No.: DISS 69-16,973).

0452

Distribution of tomato ringspot virus in dandelion in Pennsylvania (*Xiphinema americanum*, *Xiphinema rivesi*, *Taraxicum officinale*, peach orchards).  
Powell, C.A. Mountain, W.L.; Dick, T.; Forer, L.B.; Derr, M.A.; Lathrop, L.D.; Stouffer, R.F. St. Paul, Minn. : American Phytopathological Society. *Plant disease*. Sept 1984. v. 68 (9) p. 796-798. Includes 9 references. (NAL Call No.: 1.9 P69P).

0453

Effect of ribavirin on green ring mottle causal agent and necrotic ringspot virus in *Prunus* species (*Prunus serrulata*, *Prunus persica*, guanosine analogues, foliar sprays).  
Hansen, A.J. St. Paul, Minn. : American Phytopathological Society. *Plant disease*. Mar 1984. v. 68 (3). p. 216-218. ill. Includes references. (NAL Call No.: 1.9 P69P).

0454

Green peach aphid (*Myzus persicae*) survey for the Hermiston-Boardman area of Oregon's Columbia Plateau (Vectors of leaf-roll virus disease of potatoes).  
Fitch, L.A.OASPA. Corvallis : The Station. Special report - Agricultural Experiment Station, Oregon State University. July 1983. July 1983. (684). p. 21-24. ill., maps. (NAL Call No.: 100 OR3M).

0455

Iilar-like characteristics of American plum line pattern virus and its serological detection in *Prunus*.  
Fulton, R.W.PHYTA. St. Paul : American Phytopathological Society. *Phytopathology*. Oct 1982. v. 72 (10). p. 1345-1348. ill. 17 ref. (NAL Call No.: 464.8 P56).

0456

Immunosorbent electron microscopy of detecting apple chlorotic leaf spot and plum pox viruses (Fruit trees).  
Kerlan, C. Mille, B.; Dunez, J. St. Paul, Minn., American Phytopathological Society. *Phytopathology*. Apr 1981. v. 71 (4). p. 400-404. ill. 19 ref. (NAL Call No.: 464.8 P56).

0457

Incompatibility between apricot and *Prunus tomentosa* seedlings (Apricot cultivars used as virus indicators in the IR-2 virus-free scheme).  
Fridlund, P.R. University Park, Pa., American Pomological Society. *Fruit varieties journal*. July 1979. v. 33 (3). p. 90-91. ill. (NAL Call No.: 80 F9464).

0458

Injecting trees for X-disease remission (Peaches, Michigan).  
Herr, M. East Lansing, The Society. Annual report - Michigan State Horticultural Society. 1980. 1980. (110th). p. 84-85. (NAL Call No.: 81 M58).

0459

Manipulating orchard ground cover to reduce invasion by leafhopper vectors of peach X-disease (Connecticut).  
McClure, M.S. Andreadis, T.G.; Lacy, G.H. College Park, Md., Entomological Society of America. *Journal of economic entomology*. Feb 1982. v. 75 (1). p. 64-68. ill. 10 ref. (NAL Call No.: 421 J822).

0460

Mycoplasma-like bodies associated with plum decline (leptonecrosis).  
Giunchedi, L. Marani, F. Bologna, Unione fitopatologica mediterranea. *Phytopathologia mediterranea*. Dec 1978. v. 17 (3). p. 205-209. ill. 11 ref. (NAL Call No.: 464.8 P565).

(PLANT DISEASES - VIRAL)

0461

Orchard weeds as hosts of tomato ringspot and tobacco ringspot viruses (Apple and peach orchards, Pennsylvania, New York, Indiana). Powell, C.A. Forer, L.B.; Stouffer, R.F.; Cummins, J.N.; Gonsalves, D. St. Paul, Minn. : American Phytopathological Society. Plant disease. Mar 1984. v. 68 (3). p. 242-244. Includes references. (NAL Call No.: 1.9 P69P).

0462

Peach stem pitting (caused by a soil-borne virus): symptoms, transmission, and management. Mircetich, J.S. Martinsburg, W. Va. Proceedings ... annual conventionNational Peach Council. 1979. 1979. (38th). p. 47-53. 20 ref. (NAL Call No.: SB371.N3).

0463

Peach stunt, necrotic ringspot and sharka: symptoms and prevention. Hansen, A.J. Martinsburg, W. Va. Proceedings ... annual conventionNational Peach Council. 1979. 1979. (38th). p. 85-89. (NAL Call No.: SB371.N3).

0464

Peach yellow leaf roll epidemic in northern California: effects of peach cultivar, tree age, and proximity to pear orchards. Purcell, A.H. Nyland, G.; Raju, B.C.; Heringer, M.R. St. Paul, Minn., American Phytopathological Society. Plant disease. Apr 1981. v. 65 (4). p. 365-368. ill. 17 ref. (NAL Call No.: 1.9 P69P).

0465

Peach yellows and peach rosette by Erwin F. Smith. Smith, Erwin F. Washington U.S. Dept. of Agriculture 1894. 20 p. : ill. -. (NAL Call No.: Fiche S-69 no.17).

0466

Peach yellows and rosette (associated with mycoplasmalike organisms): a review. Miller, R.W. Martinsburg, W. Va. Proceedings ... annual conventionNational Peach Council. 1979. 1979. (38th). p. 76-78. 9 ref. (NAL Call No.: SB371.N3).

0467

Process in controlling X-disease (of peaches, Michigan). Schilling, R.E. East Lansing, The Society. Annual report - Michigan State Horticultural Society. 1980. 1980. (110th). po. 86-87. (NAL Call No.: 81 M58).

0468

Prune brownline disease: susceptibility of prune rootstocks and tomato ringspot virus detection (*Prunus domestica* grafted onto *Myrobalan* plum, *Prunus cerasifera*, and peach, *Prunus persica*, trees). Hoy, J.W. Mircetich, S.M. St. Paul : American Phytopathological Society. Phytopathology. Mar 1984. v. 74 (3). p. 272-276. ill. Includes references. (NAL Call No.: 464.8 P56).

0469

Rapid detection and serotyping of prunus necrotic ringspot virus in perennial crops (hop and plum cultivars) by enzyme-linked immunosorbent assay. Barbara, D.J. Clark, M.F. London. Annals of applied biology. Dec 1978. v. 90 (3). p. 395-399. ill. 12 ref. (NAL Call No.: 442.8 AN72).

0470

Ringspot virus of *Prunus caroliniana*. Keim, R. Berkeley, Calif., Cooperative Extension Service, University of California. Flower and nursery report for commercial growers. Spring 1979. Spring 1979. p. 3. ill. (NAL Call No.: SB1.A1F5).

0471

Role of wild host plants in the feeding, oviposition, and dispersal of *Scaphytopius acutus* (Homoptera: Cicadellidae), a vector of peach X-disease. McClure, M.S. College Park, Md., Entomological Society of America. Environmental entomology. Apr 15, 1980. v. 9 (2). p. 265-274. ill. Bibliography p. 273-274. (NAL Call No.: QL461.E532).

0472

Some biological and physical properties of the nucleoprotein particles of *Prunus necrotic ringspot virus* and of tobacco streak virus / by Loretta Sue Loesch. Loesch, Loretta Sue, 1947. 1974. Thesis (Ph.D.)--University of Wisconsin, 1974. Photocopy. Ann Arbor, Mich. : University Microfilms International, 1978. viii, 128 leaves : ill. ; 21 cm. Bibliography: leaves

(PLANT DISEASES - VIRAL)

118-128. (NAL Call No.: DISS 75-8,629).

0473

**Spatial and seasonal distributions of leafhopper (Cicadellidae) vectors of peach X-disease in Connecticut.**

McClure, M.S. College Park, Md., Entomological Society of America. Environmental entomology. Oct 1980. v. 9 (5). p. 668-672. ill. 12 ref. (NAL Call No.: QL461.E532).

0474

**Stem pitting of peach and other stone fruits.**  
Janson, Blair F. Jones, Brian M.; Spilker, Oren W. & Importance and recognition in the orchard. Document available from: Ohio State University, Extension Publication Office, 2120 Fyffe Road, Columbus, Ohio 43210 1970. This publication gives information on stem pitting which is a disease that affects peach trees and other stone fruits. Illustrations are included. 5 p. : ill. (NAL Call No.: Document available from source.).(NAL Call No.: L-173).

0475

**Transmission of cauliflower mosaic virus by the green peach, turnip, cabbage, and pea aphids (*Myzus persicae*, *Hyadaphis erysimi*, *Brevicoryne brassicae*, *Acyrtosiphon pisum*).**  
Namba, R. Sylvester. E.S. College Park, Md., Entomological Society of America. Journal of economic entomology. Oct 1981. v. 74 (5). p. 546-551. 17 ref. (NAL Call No.: 421 J822).

0476

**Transmission of X-disease (peach yellow leafroll) agent by the leafhoppers *Scaphytopius nitridus* and *Acinopterus angulatus* (Peaches, celery).**  
Purcell, A.H. Beltsville, Md., Science and Education Administration, U.S. Dept. of Agriculture. Plant disease reporter. July 1979. v. 63 (7). p. 549-552. ill. 11 ref. (NAL Call No.: 1.9 P69P).

0477

**Vectors of phony peach (Virus disease transmitted by leafhoppers).**  
Yonce, C.E. Martinsburg, W. Va. Proceedings ... annual conventionNational Peach Council. 1979. 1979. (38th). p. 79-84. ill., map. (NAL Call No.: SB371.N3).

0478

**Virus diseases reduce growth and yield of peach trees in California: progress report.**  
Gerdts, M.H. Nyland, G. Martinsburg, W. Va. Proceedings ... annual conventionNational Peach Council. 1979. 1979. (38th). p. 34-35. (NAL Call No.: SB371.N3).

0479

**Weed species hosting viruliferous green peach aphids, vector of beet western yellows virus (*Myzus persicae*, Washington).**  
Tamaki, G. Fox, L. College Park, Md., Entomological Society of America. Environmental entomology. Feb 1982. v. 11 (1). p. 115-117. Includes 11 ref. (NAL Call No.: QL461.E532).

0480

**X-disease control: performance of Terramycin for symptom remission (Peaches, Michigan).**  
Jones, A.L. East Lansing, The Society. Annual report - Michigan State Horticultural Society. 1980. 1980. (110th). p. 80-84. 6 ref. (NAL Call No.: 81 M58).

0481

**X-disease (thought to have been caused by virus): distribution and symptoms (in peach).**  
Parish, C.L. Martinsburg, W. Va. Proceedings ... annual conventionNational Peach Council. 1979. 1979. (38th). p. 54-55. (NAL Call No.: SB371.N3).

0482

**Xiphinema spp. associated with tomato ringspot virus infection of Pennsylvania fruit crops (Apple, blueberry, grape, peach, raspberry).**  
Forer, L.B. Stouffer, R.F. St. Paul, American Phytopathological Society. Plant disease. Aug 1982. v. 66 (8). p. 735-736. 7 ref. (NAL Call No.: 1.9 P69P).

# PLANT DISEASES - PHYSIOLOGICAL

0483

**Boron deficiency tough on plums.**

Norton, J.D. Odom, J.W.; Carlton, C.C.; Short, K.S. Auburn, The Station. Highlights of agricultural research - Alabama, Agricultural Experiment Station. Winter 1980. v. 27 (4). p. 16. (NAL Call No.: 100 AL1H).

0484

**Correction of iron chlorosis in nectarines and residual effects.**

Ruiz S, R. Sotomayor S, C.; Lemus T, G. New York ; Basel : Marcel Dekker, 1982. Iron nutrition and interactions in plants : Brigham Young University, August 12-14, 1981 / edited by S.D. Nelson ... (et al.). Abstract only. p. 915. (NAL Call No.: QK867.J67 v. 5, nos. 4-7).

0485

**Influence of magnesium concentrations in nutrient solution on growth, tissue concentration, and nutrient uptake of peach seedlings (Deficiency disorders).**

Edwards, J.H. Horton, B.D. Alexandria, Va., The Society. Journal of the American Society for Horticultural Science. July 1981. v. 106 (4). p. 401-405. ill. 12 ref. (NAL Call No.: 81 S012).

0486

**Treatments for iron chlorosis in peach trees (*Prunus persica*).**

Razeto, B. New York ; Basel : Marcel Dekker, 1982. Iron nutrition and interactions in plants : Brigham Young University, August 12-14, 1981 / edited by S.D. Nelson ... (et al.). p. 917-922. 8 ref. (NAL Call No.: QK867.J67 v. 5, nos. 4-7).

0487

**Trunk injection corrects iron deficiency in plum trees (Ferrous sulfate).**

Yoshikawa, F.T. Reil, W.O.; Stromberg, L.K. Berkeley, Calif., The Station. California agriculture - California Agricultural Experiment Station. Mar/Apr 1982. v. 36 (2/3). p. 13. ill. (NAL Call No.: 100 C12CAG).

0488

**An unusual mottle produced in some *Prunus besseyi* X *Prunus salicina* hybrids.**

Fridlund, P.R. University Park, Pa., American Pomological Society. Fruit varieties journal. Apr 1981. v. 35 (2). p. 63-67. ill. 10 ref. (NAL Call No.: 80 F9464).

# MISCELLANEOUS PLANT DISORDERS

0489

The behavior of peach and pear trees under extreme drought stress.

Proebsting, E.L. Jr. Middleton, J.E. Alexandria, Va., The Society. Journal of the American Society for Horticultural Science. American Society for Horticultural Science. May 1980. v. 105 (3). p. 380-385. ill. 5 ref. (NAL Call No.: 81 S012).

No.: SB1.H6).

0490

Bruising related to mechanical harvesting.

Bilanski, W.K. Menzies, D.R. St. Joseph, Mich. : American Society of Agricultural Engineers, c1984. Fruit, nut, and vegetable harvesting mechanization : proceedings, International Symposium on Fruit ... Mechanization, Oct 5-12, 1983, Volcani Center, Bet Dagan, Israel / Institute of Agricultural Engi. p. 376-381. Includes 3 references.

0495

The effect of (peach) orchard heaters on air movement and temperature.

Fox, R.D. OH-AR-NC. Brazee, R.D.; Ferree, D.C. Wooster, Ohio, The Center. Research circular - Ohio Agricultural Research and Development Center. Aug 1980. Aug 1980. (259). p. 20-24. ill. 3 ref. (NAL Call No.: 100 OH3R).

0491

Chemical bloom delay of peach (Protecting open blooms from freezing).

Krewer, G.W. Coston, D.C.; Sims, E.T. Jr. Martinsburg, W. Va. : The Council. Proceedings ... annual convention - National Peach Council. 1984. 1984. (43rd). p. 103. (NAL Call No.: SB371.N3).

0496

Effect of rootzone flooding on young peach trees (Root damage).

Rom, R.C. Brown, S.A. Fort Smith, Ark., The Society. Proceedings ...annual meeting - Arkansas State Horticultural Society. 1980. 1980. (101st). p. 58-61. (NAL Call No.: 81 AR4P).

0492

Cold hardiness of peaches and nectarines following a test winter (in southern Ontario, breeding, cold injury).

Layne, R.E.C. University Park : American Pomological Society. Fruit varieties journal. Oct 1982. v. 36 (4). p. 90-98. 10 ref. (NAL Call No.: 80 F9464).

0497

Effect of uneven maturity on the mechanical harvesting of peaches.

Bilanski, W.K. Menzies, D.R. St. Joseph, Mich. : American Society of Agricultural Engineers, c1984. Fruit, nut, and vegetable harvesting mechanization : proceedings, International Symposium on Fruit ... Mechanization, Oct 5-12, 1983, Volcani Center, Bet Dagan, Israel / Institute of Agricultural Engi. p. 357-363. Includes 7 references.

0493

Comparative freezing (damage) patterns of bark and xylem of "Siberian C" and "Redhaven" peach twigs.

Cain, D.W. AR-NC. Olien, C.R.; Andersen, R.L. New York, Academic Press. Cryobiology. Dec 1980. v. 17 (5). p. 495-499. ill. 14 ref. (NAL Call No.: QH324.C7).

0498

Effects of ethephon and gibberellic acid on thinning peaches (Phytotoxicity).

Young, E. Edgerton, L.J. Alexandria, Va., American Society for Horticultural Science. HortScience. Dec 1979. v. 14 (6). p. 713-714. ill. 10 ref. (NAL Call No.: SB1.H6).

0494

Effect of number of bacteria on cold injury of rooted cuttings from phony-infected and uninfected peach trees (Rickettsia-like bacterium in the xylem, in central and southern Georgia).

Daniell, J.W. Krewer, G.W. Alexandria, Va. : American Society for Horticultural Science. HortScience. June 1984. v. 19 (3, sec.1). p. 423-424. ill. Includes references. (NAL Call

0499

The effects of ice nucleation-active bacteria on temperatures of ice nucleation and freeze injury of *Prunus* flower buds at various stages of development (Cold hardiness, supercooling, *Pseudomonas syringae*).

Proebsting, E.L. Jr. Andrews, P.K. Alexandria, Va. : The Society. Journal of the American Society for Horticultural Science. May 1984. v. 109 (3). p. 375-380. ill. Includes references. (NAL Call No.: 81 S012).

## (MISCELLANEOUS PLANT DISORDERS)

0500

**Ethylene and ethane production and electrolyte leakage of water-stressed 'Pixy' plum leaves (Injuries, hardiness).**

Kobayashi, K. Fuchigami, L.H.; Brainerd, K.E. Alexandria, Va., American Society for Horticultural Science. HortScience. Feb 1981. v. 16 (1). p. 57-59. 23 ref. (NAL Call No.: SB1.H6).

0501

**The freezing of water in woody tissues of apricot and peach and the relationship to freezing injury.**

Ashworth, E.N. JOSHB. Rowse, D.J.; Billmyer, L.A. Alexandria : The Society. Journal of the American Society for Horticultural Science. Mar 1983. v. 108 (2). p. 299-303. ill. Includes references. (NAL Call No.: 81 S012).

0502

**Ice nucleation within peach trees (*Prunus persica*, cold hardiness, freezing injury).**

Ashworth, E.N. Davis, G.A. Alexandria, Va. : The Society. Journal of the American Society for Horticultural Science. Mar 1984. v. 109 (2). p. 198-201. ill. Includes references. (NAL Call No.: 81 S012).

0503

**Injury to peach trees in Mesa County, Colorado, due to the sub-normal temperatures of December 8, 1978.**

Hatch, A.H. CO. Ft. Collins, Colo., The Station. Progress report - Colorado State University Extension Station. Colorado. Experiment Station. Mar 1980. Mar 1980. (2). 3 p. (NAL Call No.: 100 C71C).

0504

**Leaf conductance, growth, and survival of willow and deciduous fruit tree species under flooded soil conditions (Waterlogging tolerance, Quince, apple, peach, and *Pyrus* species).**

Andersen, P.C. Lombard, P.B.; Westwood, M.N. Alexandria, Va. : The Society. Journal of the American Society for Horticultural Science. Mar 1984. v. 109 (2). p. 132-138. ill. Includes references. (NAL Call No.: 81 S012).

0505

**Low temperature injury to peach flower buds in Southwest Virginia in 1982.**

Myers, S.C. FVRJA. University Park : American Pomological Society. Fruit varieties journal. Jan 1983. Paper presented as part of the American Pomological Society Workshop

"Rootstocks: Present and Future", August 10, 1982, Iowa State University, Ames, Iowa. v. 37 (1). p. 30. (NAL Call No.: 80 F9464).

0506

**Peach thinning with surfactants and fertilizers.**

Byers, R.E. Lyons, C.G. Jr. Martinsburg, W. Va. : The Council. Proceedings ... annual convention - National Peach Council. 1983. 1983. (42nd). p. 83. Includes references. (NAL Call No.: SB371.N3).

0507

**Peach tree problems--prognostications (Winter injury).**

Childers, N.F. East Lansing, Mich., International Dwarf Fruit Tree Association. Compact fruit tree. May 1982. v. 15. p. 152-156. (NAL Call No.: 93.5 D96).

0508

**Peach tree response to fluctuating temperatures (Tree injury and fruit losses, southern Illinois).**

Simons, R.K. Doll, C.C. University Park, Pa. : American Pomological Society. Fruit varieties journal. Apr 1984. v. 38 (2). p. 44-50. ill. Includes references. (NAL Call No.: 80 F9464).

0509

**Peaches (Injuries).**

Ballard, J.K. Proebsting, E.L.; Tukey, R.B. Pullman, Wash., The Service. Extension bulletin - Washington State University, Cooperative Extension Service. Aug 1981. Aug 1981. (0914). 2 p. ill. (NAL Call No.: 275.29 W27P).

0510

**Physiological dwarfing of peach with mefluidide (Growth regulators, phytotoxicity).**

Arnold, C.E. Aldrich, J.H.; Cornell, J.A. Alexandria, Va., American Society for Horticultural Science. HortScience. Apr 1981. v. 16 (2). p. 170-171. ill. 6 ref. (NAL Call No.: SB1.H6).

0511

**Post harvest discoloration of peaches.**

Hudson, D.E. AR-NE. Christ, E.G. Martinsburg, W. Va., The Council. Proceedings ... annual convention National Peach Council. National Peach Council. 1980. Abstract only. 1980. (39th). p. 36. (NAL Call No.: SB371.N3).

## (MISCELLANEOUS PLANT DISORDERS)

0512

**Postharvest discoloration of peaches (Prunus Persica L.) (Injury).**  
Hudson, D.E. Christ, E.G. Martinsburg, W. Va., The Council. Proceedings ... annual convention National Peach Council. 1981. 1981. (40th). p. 173-186. 5 ref. (NAL Call No.: SB371.N3).

0513

**Postharvest fruit discoloration (Peaches).**  
Ridley, J.D. Martinsburg, W. Va., The Council. Proceedings ... annual convention National Peach Council. National Peach Council. 1980. 1980. (39th). p. 37-42. ill. 3 ref. (NAL Call No.: SB371.N3).

0514

**Postplant nematicides for control of ring nematodes and cold injury in peach, 1979 (Peach (Prunus persica 'Blake'), ring nematode; Macroposthonia xenoplax).**  
Zehr, E.I. Lewis, S.A. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1980. v. 35. p. 216. (NAL Call No.: 464.9 AM31R).

0515

**Rating scales to assess cold injury and bacterial canker development in peach trees in the field (Pseudomonas syringae, Georgia).**  
Yadava, U.L. Doud, S.L.; Weaver, D.J. Alexandria, Va. : American Society for Horticultural Science. HortScience. Oct 1984. v. 19 (5). p. 645-648. ill. Includes 8 references. (NAL Call No.: SB1.H6).

0516

**Relationship of deep supercooling and dehydration resistance to freezing injury in dormant stem tissues of "Starkrimson Delicious" apple and "Siberian C" peach.**  
Quamme, H.A. Chen, P.M.; Gusta, L.V. Alexandria, Va., The Society. Journal of the American Society for Horticultural Science. Mar 1982. v. 107 (2). p. 299-304. Includes 16 ref. (NAL Call No.: 81 S012).

0517

**Third year response of Bearing Loring peaches to nematode control with fenamiphos.**  
Adams, R.E. Martinsburg, W. Va., West Virginia Horticultural Society. The Mountaineer grower. Feb 1981. Feb 1981. (418). p. 10, 12. (NAL Call No.: 80 M86).

0518

**Toxicity of glyphosate to peach trees as influenced by application timing (Injury).**  
Weller, S.C. HUHSA. Skroch, W.A. Alexandria : American Society for Horticultural Science. HortScience. Dec 1983. v. 18 (6, sec.1). p. 940-941. Includes references. (NAL Call No.: SB1.H6).

0519

**Winter injury of peaches.**  
Springer, J.K. Martinsburg, W. Va., West Virginia Horticultural Society. The Mountaineer grower. June 1980. June 1980. (410). p. 3-4. (NAL Call No.: 80 M86).

0520

**Wounds in peach trees (Associated with decay and production loss, West Virignia (Prunus persica).**  
Shigo, A.L. Wilson, C.L. St. Paul, Minn., American Phytopathological Society. Plant disease. Oct 1982. v. 66 (10). p. 895-897. ill. 7 ref. (NAL Call No.: 1.9 P69P).

# PROTECTION OF PLANT PRODUCTS - GENERAL AND MISC.

0521

Brown rot and Rhizopus rot control by postharvest fungicide dip treatments of peaches and nectarines, 1981 (Peach (*Prunus persica* 'Harken', 'Redhaven', 'Cresthaven'), nectarine (*Prunus persica* var. *nectarina* 'Sunglo'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* sp.).  
Tepper, B.L. Yoder, K.S.; Hardesty, K.T. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1982. v. 37. p. 40. (NAL Call No.: 464.9 AM31R).

0522

Brown rot and Rhizopus rot control by postharvest fungicide dip treatments on peaches and nectarines, 1980 (Peach (*Prunus persica* 'Red haven', 'Harken', 'Hamony', 'Biscoe'), nectarine (*Prunus persica* var. *nectarina*, 'Sunglo'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* sp.).  
Tepper, B.L. Yoder, K.S.; Nicholls, S.A. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1981. v. 36. p. 37-38. (NAL Call No.: 464.9 AM31R).

0523

Brown rot and Rhizopus rot incidence on fruit dipped with postharvest fungicide treatments, 1982 (*Monilinia fructicola*, *Rhizopus* sp., peaches, *Prunus persica*).  
Hickey, K.D. FNED. Parish, P.J.; May, J.; Garretson, M. (s.l.) : The Society. Fungicide and nematicide tests : results - American Phytopathological Society. 1983. v. 38. p. 119-120. (NAL Call No.: 464.9 AM31R).

0524

Changes in peaches after hot-water treatment (Postharvest treatment for rot).  
Phillips, D.J. Austin, R.K. St. Paul, Minn., American Phytopathological Society. Plant disease. June 1982. v. 66 (6). p. 487-488. Includes 13 ref. (NAL Call No.: 1.9 P69P).

0525

Chemical inactivation of the heat-tolerant pectolytic enzymes (of fungal origin) in raw apricots which cause softening of the canned product.

Sommer, N.F. Buchanan, J.R. St. Joseph, Mich. Journal American Society for Horticultural Science. Nov 1978. v. 103 (6). p. 762-767. ill. 12 ref. (NAL Call No.: 81 S012).

0526

Description and postharvest physiology of some slow-ripening nectarine genotypes (Resistance to low temperature breakdown, ethylene production).  
Brecht, J.K. Kader, A.A.; Ramming, D.W. Alexandria, Va. : The Society. Journal of the American Society for Horticultural Science. Sept 1984. v. 109 (5). p. 596-600. ill. Includes 10 references. (NAL Call No.: 81 S012).

0527

Effects of gibberellic acid and ethephon on enzymatic browning of 'Redhaven' peaches.  
Paulson, A.T. Vanderstoep, J.; Eaton, G.W. Alexandria, Va., American Society for Horticultural Science. HortScience. Dec 1979. v. 14 (6). p. 711-713. ill. 18 ref. (NAL Call No.: SB1.H6).

0528

Evaluating the browning potential of peaches (Total amount of phenolic compounds level of activity of polyphenol oxidase enzyme, *Prunus persica*, bruising).  
Kader, A.A. Chordas, A. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. Mar/Apr 1984. v. 38 (3/4). p. 14-15. ill. (NAL Call No.: 100 C12CAG).

0529

Fruit decays of peach and apple caused by *Phomopsis malii* (Fungi, storage diseases).  
Rosenberger, D.A. Burr, T.J. St. Paul, American Phytopathological Society. Plant disease. Nov 1982. v. 66 (11). p. 1073-1075. ill. 15 ref. (NAL Call No.: 1.9 P69P).

0530

Fungus causes deterioration of dried prunes (*Rhizopus stolonifer*).

Sholberg, P.L. CAGRA. Ogawa, J.M. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. Mar/Apr 1983. v. 37 (3/4). p. 27-28. ill. (NAL Call No.: 100 C12CAG).

0531

Giving peaches a new lease on shelf life.  
AGREA. McBride, J. Washington, D.C. : The Administration. Agricultural research - U.S. Department of Agriculture, Agricultural Research Service. Sept 1984. v. 32 (12). p. 12-13. ill.

(PROTECTION OF PLANT PRODUCTS - GENERAL AND MISC.)

0532

Incidence of brown rot and Rhizopus rot on peach dipped with postharvest fungicide treatments, 1981 (Peach (*Prunus persica* 'Loring', 'Rio-Oso-Gem'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* sp.). Hickey, K.D. Parish, P.J.; Garretson, M.; May, J. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1982. v. 37. p. 36. (NAL Call No.: 464.9 AM31R).

0533

Microbial assessment of pasteurized-refrigerated peach halves in transparent pouches. Bates, R.P. Alcantara, L. Lake Alfred. Proceedings of the ... annual meeting Florida State Horticultural Society. 1978 (pub. 1979). v. 91. p. 114-117. ill. 13 ref. (NAL Call No.: 81 F66).

0534

Postharvest biological control of stone fruit brown rot by *Bacillus subtilis* (*Monilinia fructicola*, peaches, nectarines, apricots, plums). Pusey, P.L. Wilson, C.L. St. Paul, Minn. : American Phytopathological Society. Plant disease. Sept 1984. v. 68 (9). p. 753-756. ill. Includes 21 references. (NAL Call No.: 1.9 P69P).

0535

Postharvest brown and transit rot control by Ronilan, 1980 (Peach (*Prunus persica* 'Dripstone Alberta'), brown rot; *Sclerotinia fructicola*, transit rot; *Rhizopus* sp.). Koffman, W. Roberts, E. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1981. v. 36. p. 34-35. (NAL Call No.: 464.9 AM31R).

0536

Postharvest control of brown rot and Rhizopus rot on plum, 1981 (Plum (*Prunus domestica* 'Stanley'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* sp.). Burton, C.L. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1982. v. 37. p. 41-42. (NAL Call No.: 464.9 AM31R).

0537

Postharvest control of brown rot of peach, 1981 (Peach (*Prunus persica*, 'Redskin'), brown rot; *Monilinia fructicola*). Conway, W.S. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1982. v. 37. p. 33-34. (NAL Call No.: 464.9 AM31R).

0538

Postharvest control of brown rot on peach, 1980 (Peach (*Prunus persica* 'Rio Oso Gem'), brown rot; *Monilinia fructicola*). Conway, W.S. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1981. v. 36. p. 31. (NAL Call No.: 464.9 AM31R).

0539

Postharvest control of Rhizopus rot on peach, 1981 (Peach (*Prunus persica* 'Redhaven'), *Rhizopus* rot; *Rhizopus* sp.). Burton, C.L. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1982. v. 37. p. 32. (NAL Call No.: 464.9 AM31R).

0540

Postharvest discoloration of peaches (*Prunus Persica* L.) (Injury). Hudson, D.E. Christ, E.G. Martinsburg, W. Va., The Council. Proceedings ... annual convention National Peach Council. 1981. 1981. (40th). p. 173-186. 5 ref. (NAL Call No.: SB371.N3).

0541

Postharvest treatment with triforine for control of peach fruit decay, 1979 (Peach (*Prunus persica*, 'Blake'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* sp.). Zehr, E.I. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1980. v. 35. p. 41. (NAL Call No.: 464.9 AM31R).

0542

Preharvest and postharvest treatments for control of fruit decay in peaches, 1980 (Peach (*Prunus persica* 'Sunhigh'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* spp.). Zehr, E.I. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1981. v. 36. p. 37. (NAL Call No.: 464.9 AM31R).

(PROTECTION OF PLANT PRODUCTS - GENERAL AND MISC.)

0543

Prochloraz efficacy against postharvest brown rot of peaches, 1980 (Peach (*Prunus persica* 'J. H. Hale'), brown rot; *Sclerotinia fructicola*). Koffman, W. Roberts, E. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1981. v. 36. p. 34. (NAL Call No.: 464.9 AM31R).

0544

Quality and postharvest behavior of once-over harvested clingstone peaches treated with daminozide. Morris, J.R. Ray, L.D. St. Joseph, Mich. Journal American Society for Horticultural Science. Nov 1978. v. 103 (6). p. 716-722. ill. 23 ref. (NAL Call No.: 81 S012).

0545

The relation of leaf area to the size and quality of 'Santa Rosa' plum (Chemical composition and dessert quality). Mishra, K.A. Calcutta. Food farming and agriculture. Nov 1978. v. 10 (5). p. 161-162. ill. 4 ref. (NAL Call No.: S19.F63).

0546

Relation of postharvest decay fungi to the slip-skin disorder of dried French prunes (*Prunus domestica*). Sholberg, P.L. PHYTA. Ogawa, J.M. St. Paul : American Phytopathological Society. Phytopathology. May 1983. v. 73 (5). p. 708-713. ill. Includes references. (NAL Call No.: 464.8 P56).

0547

Sensory, compositional, and volatile attributes of controlled atmosphere stored peaches. Watada, A.E. Anderson, R.E. Mount Vernon, Va., The Society. Journal American Society for Horticultural Science. Sept 1979. v. 104 (5). p. 626-629. ill. 4 ref. (NAL Call No.: 81 S012).

# PROTECTION OF PLANT PRODUCTS - INSECTS

0548

Commercial-scale vacuum fumigation with ethyl formate for postharvest control of the green peach aphid (Homoptera: Aphididae) on film-wrapped lettuce (*Myzus persicae*).

Stewart, J.K. Mon, T.R. College Park, Md. : Entomological Society of America. Journal of economic entomology. June 1984. v. 77 (3). p. 569-573. Includes references. (NAL Call No.: 421 J822).

0549

Methyl bromide fumigation treatments at 30 degrees Celsius for California stonefruits infested with the Mediterranean fruit fly (Diptera:Tephritidae) (*Ceratitis capitata*, apricots, nectarines, peaches, and plums).

Armstrong, J.W. Couey, H.M. College Park, Md. : Entomological Society of America. Journal of economic entomology. Oct 1984. v. 77 (5). p. 1229-1232. Includes 10 references. (NAL Call No.: 421 J822).

# WEEDS

0550

**Chemical weed control on a peach high density planting: preliminary observations.**  
Scalabrelli, G. Gent.  
MededelingenRijksfaculteit  
Landbouwwetenschappen. 1978. v. 43 (2,pt.2). p. 1161-1166. ill. 3 ref. (NAL Call No.: 105.1 G344).

0551

**Distribution of tomato ringspot virus in dandelion in Pennsylvania (Xiphinema americanum, Xiphinema rivesi, Taraxicum officinale, peach orchards).**  
Powell, C.A. Mountain, W.L.; Dick, T.; Forer, L.B.; Derr, M.A.; Lathrop, L.D.; Stouffer, R.F. St. Paul, Minn. : American Phytopathological Society. Plant disease. Sept 1984. v. 68 (9). p. 796-798. Includes 9 references. (NAL Call No.: 1.9 P69P).

0552

**Effect of orchard weed management on catfacing damage to peaches in North Carolina.**  
JEENAI. Killian, J.C. Meyer, J.R. College Park, Md. : Entomological Society of America. Journal of economic entomology. Dec 1984. v. 77 (6). p. 1596-1600. Includes references.

0553

**Effect of weed control on the winterhardiness of the bark and wood of young peach trees.**  
Marriage, P.B. Quamme, H.A. Alexandria, Va., American Society for Horticultural Science. HortScience. June 1980. v. 15 (3). p. 290-291. 9 ref. (NAL Call No.: SB1.H6).

0554

**Effects of glyphosate on peach tree growth and fruiting (Herbicides, weed control, Florida).**  
Aldrich, J.H. Arnold, C.E. Alexandria, Va. : American Society for Horticultural Science. HortScience. Aug 1984. v. 19 (4). p. 540-542. Includes 20 references. (NAL Call No.: SB1.H6).

0555

**Field evaluation of herbicides in tree fruits, 1978 (Peaches).**  
Rom, R.C. Arrington, G. Fayetteville. Mimeograph seriesArkansas. Agricultural Experiment Station. May 1979. May 1979. (270). 17 p. (NAL Call No.: 100 AR42M).

0556

**Growth, survival, and weed control in peaches receiving repeated herbicide applications.**  
Coffey, D.L. Lockwood, D.W. Knoxville, The Station. Tennessee farm and home science - Tennessee Agricultural Experiment Station. Jan/Mar 1981. Jan/Mar 1981. (117). p. 17-19. ill. 3 ref. (NAL Call No.: 100 T25F).

0557

**Herbicidal effects on peach seedling growth and weed control.**  
Arnold, C.E. Aldrich, J.H. Alexandria, Va., American Society for Horticultural Science. HortScience. June 1980. v. 15 (3). p. 293-294. 5 ref. (NAL Call No.: SB1.H6).

0558

**Herbicides for peach orchards.**

Rom, R.C. Motichek, G.R.; Arrington, E.H. Fayetteville, Ark. : Arkansas State Horticultural Society. Proceedings of the ... annual meeting - Arkansas State Horticultural Society. 1983. 1983. (104th). p. 97-100. (NAL Call No.: SB21.A7A7).

0559

**A high-performance sprayer for application of postemergence herbicides in peaches (without spray contact to tree foliage, weed control with less injury to trees than that caused by glyphosate applied with a conventional unshielded sprayer).**

Daniell, J.W. Ghate, S.R. St. Joseph, Mich. : The Society. Transactions of the ASAE - American Society of Agricultural Engineers. Jan/Feb 1984. v. 27 (1). p. 54-56. ill. Includes references. (NAL Call No.: 290.9 AM32T).

0560

**Minimum tillage techniques for establishing shrubs in clump plantings (Wild plum (Prunus americana) and Hansen rose (Rosa sp.), Colorado, wildlife habitat development).**  
Snyder, W.D. Fort Collins : The Division. Special report - Colorado Division of Wildlife. Sept 1982. Sept 1982. (53). 17 p. ill., map. 10 ref. (NAL Call No.: SK375.C6).

0561

**Occurrence in Johnsongrass (*Sorghum halepense*) of rickettsia-like bacteria related to the phony peach disease organism (in Georgia).**  
Weaver, D.J. AR-SD. Raju, B.C.; Wells, J.M.; Lowe, S.K. St. Paul, Minn., American Phytopathological Society. Plant disease. May 1980. v. 64 (5). p. 485-487. ill. 14 ref. (NAL

(WEEDS)

Call No.: 1.9 P69P).

0562

Dryzalin alone and in combination for culture of fruit trees (Peaches, herbicides).  
Young, R.S. Welker, W.V. Beltsville, Md., The Society. Proceedings - annual meeting of the Northeastern Weed Science Society. Northeastern Weed Science Society. p. 138-140. 5 ref. (NAL Call No.: 79.9 N814).

0563

Peach and nectarine spray guide (Fungicides, insecticides, bactericides, acaricides, herbicides).

Ritchie, D.F. Sorensen, K.A.; Meyer, J.R.; Skroch, W.A. Raleigh : The Service. AG - North Carolina Agricultural Extension Service, North Carolina State University. Jan 1983. Jan 1983. (146suppl., rev.). 13 p. (NAL Call No.: S544.3.N6N62).

0564

Peach orchard floor management (Weed control, herbicide systems).

Welker, W.V. College Park : Maryland State Horticultural Society. Maryland fruit grower. 1983. 1983. (suppl.). p. 51-53. (NAL Call No.: 80 M36).

0565

Peach orchard ground cover management: an update (Weed control).

Skroch, W.A. Martinsburg, W. Va. : The Council. Proceedings ... annual convention - National Peach Council. 1983. 1983. (42nd). p. 69-70. (NAL Call No.: SB371.N3).

0566

Screening herbicides for use on peach seedbeds.  
Kuhns, L.J. Haramaki, C.; Thompson, V.D. Beltsville, Md., The Society. Proceedings - annual meeting of the Northeastern Weed Science Society. Northeastern Weed Science Society. p. 186-189. p. 186-189. (NAL Call No.: 79.9 N814).

0567

Solicam: a new herbicide for use in peach orchards.

Blythe, T.O. Clark, G.M.; Ummel, E. Fayetteville : Arkansas State Horticultural Society. Proceedings of the ... annual meeting - Arkansas State Horticultural Society. 1982. 1982. (103rd). p. 42-45. (NAL Call No.: SB21.A7A7).

0568

The use of surflan for weed control in peaches. Cockreham, S.D. Fayetteville : Arkansas State Horticultural Society. Proceedings of the ... annual meeting - Arkansas State Horticultural Society. 1982. 1982. (103rd). p. 45-47. (NAL Call No.: SB21.A7A7).

0569

Weed control in immature pecan (*Carya illinoensis*) and peach (*Prunus persica*) plantings.

Arnold, C.E. Aldrich, J.H. Champaign, Ill., Weed Science Society of America. Weed science. Nov 1979. v. 27 (6). p. 638-641. ill. 10 ref. (NAL Call No.: 79.8 W41).

0570

Weed control in peach and nectarine orchards. Lange, A. Fischer, B.; Elmore, C. Berkeley, Calif., The Service. Leaflet - University of California, Cooperative Extension Service. July 1981. July 1981. (21193). 18 p. (NAL Call No.: S544.3.C2C3).

0571

Weed control with oryzalin (SurflanR) in pecan and nectarine orchards.

Arnold, C.E. Aldrich, J.H. s.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. June 1, 1980. v. 92. p. 267-270. 5 ref. (NAL Call No.: 81 F66).

0572

Weed species hosting viruliferous green peach aphids, vector of beet western yellows virus (*Myzus persicae*, Washington).

Tamaki, G. Fox, L. College Park, Md., Entomological Society of America. Environmental entomology. Feb 1982. v. 11 (1). p. 115-117. Includes 11 ref. (NAL Call No.: QL461.E532).

# PESTICIDES - GENERAL

0573

Dibromochloropropane residues in peaches following fall orchard fumigation (DBCP). Carter, G.E. Jr., Riley, M.B. Washington, D.C. : American Chemical Society. Journal of agricultural and food chemistry. Mar/Apr 1984. v. 32 (2). p. 186-187. Includes references. (NAL Call No.: 381 J8223).

No.: RA1270.P35A1).

0574

The effect of temperature on the rate of development of *Aphidius matricariae* Haliday (Hymenoptera: Aphidiidae) (Endoparasite of the green peach aphid, *Myzus persicae*). Giri, M.K. TKASA. Pass, B.C.; Yeargan, K.V. Louisville : The Academy. Transactions of the Kentucky Academy of Science. Sept 1983. v. 44 (3/4). p. 145-147. Includes references. (NAL Call No.: 500 K41).

0575

Effect of Vapor Guard on size, color and market quality of three cultivars on peaches, 1980 (Peach (*Prunus persica* 'Elberta', 'Cresthaven', 'Madison'), growth change; growth regulator, antitranspirants). Drake, C.R. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1981. v. 36. p. 32. (NAL Call No.: 464.9 AM31R).

0576

Effects of nematicides, lime, and herbicide on peach tree short life in Georgia (*Macroposthonia xenoplax*, nematodes). Wehunt, E.J. AR-SO. Horton, B.D.; Prince, V.E. Ames, Iowa, Society of Nematologists. Journal of nematology. July 1980. v. 12 (3). p. 183-189. 25 ref. (NAL Call No.: QL391.N4J62).

0577

A gas chromatographic determination of permethrin isomers on peach foliage. Chiba, M. New York, Marcel Dekker. Journal of environmental science and health. Part B: Pesticides, food contaminants, and agricultural wastes. 1978. v. B13 (3). p. 261-268. ill. 8 ref. (NAL Call No.: TD172.J61).

0578

Incidence of *Cis*-4-cyclohexene-1,2-dicarboximide in fruit crops treated with captan (Peaches, fungicides). Cairns, T.BECTA. Siegmund, E.G.; Doose, G.M. New York : Springer-Verlag. Bulletin of environmental contamination and toxicology. Jan 1983. v. 30 (1). p. 117-121. 5 ref. (NAL Call

0579

Influence of simulated rains on phosmet residues and oriental fruit moth (Lepidoptera: Tortricidae) control on peach (*Grapholita molesta*). Pree, D.J. Menzies, D.R.; Braun, H.E.; Fisher, R.W. College Park, Md. : Entomological Society of America. Journal of economic entomology. Apr 1984. v. 77 (2). p. 483-486. Includes references. (NAL Call No.: 421 J822).

0580

Paradichlorobenzene experiments in the South for peach-borer control by Oliver I. Snapp. Snapp, Oliver I. Washington, D.C. U.S. Dept. of Agriculture 1928. 40 p. : ill. -. Includes bibliographical references. (NAL Call No.: Fiche S-69 no.58).

0581

Peach and nectarine spray guide (Pesticide application).

Ritchie, D.F. Sorensen, K.A.; Meyer, J.R.; Skroch, W.A. Raleigh, N.C. : The Service. AG - North Carolina Agricultural Extension Service, North Carolina State University. Jan 1984. Jan 1984. (146, suppl., rev.). p. 15 p. (NAL Call No.: S544.3.N6N62).

0582

Petroleum oil and oil emulsion as insecticides, and their use against the San Jose scale on peach trees in the South by H.S. Swingle and Oliver I. Snapp.

Swingle, H. S. (Homer Scott), 1902. Washington, D.C. U.S. Dept. of Agriculture 1931. 48 p., 2 leaves of plates : ill. -. Bibliography: p. 42-48. (NAL Call No.: Fiche S-69 no.253).

0583

Redistribution of oxamyl from treated seeds to peach seedlings and soil as determined by high-performance liquid chromatography (Pesticides).

Chiba, M.JAFCA. Veres, D.F.; Townshend, J.L.; Potter, J.W. Washington : American Chemical Society. Journal of agricultural and food chemistry. Jan/Feb 1983. v. 31 (1). p. 53-58. 2 p. ref. (NAL Call No.: 381 J8223).

(PESTICIDES - GENERAL)

0584

**Sensitive gas-liquid chromatographic method for (herbicide) asulam residues in peaches.**  
Bardalaye, P.C. Thompson, N.P.; Carlson, D.A. Arlington, Va., The Association. Journal of the Association of Official Analytical Chemists. Association of Official Analytical Chemists. May 1980. v. 63 (3). p. 511-516. ill. 5 ref. (NAL Call No.: 381 AS7).

0585

**Simultaneous electron capture detection of chlorpyrifos and 3,5,6-Trichloro-2-pyridinol residues in peach and bahia grass (*Taspalum notatum*) field samples following gel permeation cleanup (Insecticide residues).**  
Guinivan, R.A. Thompson, N.P.; Bardalaye, P.C. Arlington, Va., The Association. Journal of the Association of Official Analytical Chemists. Mar 1982. v. 65 (2). p. 210-214. ill. Includes 8 ref. (NAL Call No.: 381 AS7).

0586

**Toxicity of glyphosate to peach trees as influenced by application timing (Injury).**  
Weller, S.C. HJHSA. Skroch, W.A. Alexandria : American Society for Horticultural Science. HortScience. Dec 1983. v. 18 (6, sec. 1). p. 940-941. Includes references. (NAL Call No.: SB1.H6).

0587

**Toxicity of insecticides to the green peach aphid (Homoptera: Aphididae) in laboratory and field tests, 1971-1982 (*Myzus persicae*).**  
McClanahan, R.J. JEENA. Founk, J. College Park : Entomological Society of America. Journal of economic entomology. Aug 1983. v. 76 (4). p. 899-905. Includes references. (NAL Call No.: 421 J822).

0588

**1979 Missouri commercial peach spray schedule / P. W. Steiner ... (et al.).**  
Steiner, P. W. Columbia University of Missouri-Columbia, Extension Division 1979. 1 sheet : ill. ; 44 x 28 cm. fold. to 22 x 28 cm. (NAL Call No.: S608.P3N5).

0589

**1980 Missouri commercial peach spray schedule (Pesticides).**  
Steiner, P.W. Shaffer, W.H.; Craig, W.S.; Gaus, A.E. Columbia, Mo., The Division. MP - University of Missouri Extension Division. Jan 1980. Jan 1980. (265). 2 p. (NAL Call No.: S81.A2M5).

0590

**1983 Missouri commercial peach spray schedule.**  
Shaffer, W. H. Palm, E. W.; Craig, W. S.; Gaus, A. E.; Moore, J. F.; Townsend, H. Document available from: University of Missouri, Extension Publication, 211 Whitten Hall, Columbia, Missouri 65201 1983. Presents information on pesticides and application rates for given pest problems for commercial peach growers. Includes tables. 4 p. : ill. (NAL Call No.: Document available from source.).(NAL Call No.: MP 265).

# SOIL SCIENCE

0591

Peach orchard floor management (Soil, weed control, irrigation).  
Rom, R.C. Martinsburg, W. Va. Proceedings ... annual conventionNational Peach Council. 1978. 1978. (37). p. 29-31. (NAL Call No.: SB371.N3).

# SOIL BIOLOGY

0592

Interactions of vesicular-arbuscular mycorrhizal fungi, *Meloidogyne incognita*, and soil fertility on peach (Nematodes, *Prunus persica*, inoculation with *Gigaspora margarita* and *Glomus etunicatus*).

Strobel, N.E. Hussey, R.S.; Roncadori, R.W. St. Paul, American Phytopathological Society.

Phytopathology. June 1982. v. 72 (6). p. 690-694. ill. 20 ref. (NAL Call No.: 464.8 P56).

# SOIL FERTILITY - FERTILIZERS

0593

**Boron deficiency tough on plums.**

Norton, J.D. Odom, J.W.; Carlton, C.C.; Short, K.S. Auburn, The Station. Highlights of agricultural research - Alabama, Agricultural Experiment Station. Winter 1980. v. 27 (4). p. 16. (NAL Call No.: 100 AL1H).

0594

**Interactions of vesicular-arbuscular mycorrhizal fungi, *Meloidogyne incognita*, and soil fertility on peach (Nematodes, *Prunus persica*, inoculation with *Gigaspora margarita* and *Glomus etunicatus*).**

Strobel, N.E. Hussey, R.S.; Roncadori, R.W. St. Paul, American Phytopathological Society. *Phytopathology*. June 1982. v. 72 (6). p. 690-694. ill. 20 ref. (NAL Call No.: 464.8 P56).

0595

**Studies on the effect of N P K (nitrogen, phosphorus, potassium) on the growth, yield and quality of Santa Rosa Plum.**

Bajwa, M.S. Chadha, K.L. New Delhi. Indian journal of horticulture. June 1978. v. 35 (2). p. 91-99. ill. 25 ref. (NAL Call No.: 80 IN2).

# SOIL CULTIVATION

0596

Minimum tillage techniques for establishing shrubs in clump plantings (Wild plum (*Prunus americana*) and Hansen rose (*Rosa sp.*), Colorado, wildlife habitat development).  
Snyder, W.D. Fort Collins : The Division.  
Special report - Colorado Division of Wildlife.  
Sept 1982. Sept 1982. (53). 17 p. ill., map. 10  
ref. (NAL Call No.: SK375.C6).

# ENTOMOLOGY RELATED

0597

Diurnal behavior of plum curculio (Coleoptera: Curculionidae) adults within host trees in nature (*Conotrachelus nenuphar*, fruit pest, Massachusetts).

Owens, E.D. AESAA. Hauschild, K.I.; Hubbell, G.L.; Prokopy, R.J. College Park : The Society. Annals of the Entomological Society of America. July 1982. v. 75 (4). p. 357-362. 11 ref. (NAL Call No.: 420 EN82).

0598

Effective growth units in population dynamics of the green peach aphid (Homoptera: Aphididae) (*Myzus persicae*).

Tamaki, G. EVETB. Weiss, M.A.; Long, G.E. College Park : Entomological Society of America. Environmental entomology. Dec 1982. v. 11 (6). p. 1134-1136. Includes references. (NAL Call No.: QL461.E532).

0599

Spatial and seasonal distributions of leafhopper (Cicadellidae) vectors of peach X-disease in Connecticut.

McClure, M.S. College Park, Md., Entomological Society of America. Environmental entomology. Oct 1980. v. 9 (5). p. 668-672. ill. 12 ref. (NAL Call No.: QL461.E532).

# ANIMAL GENETICS

0600

**Clonal variability in *Myzus persicae* Sulz.**  
(Homoptera, Aphididae) (Serious pest of  
tobacco, peach, and other crops, vector of  
pathogenic viruses of many plants).

Kolesova, D.A. Kuznetsova, V.G.; Shaposhnikov,  
G.Kh. Silver Spring, Md., Scripta Publishing.  
Entomological review. July/Sept 1980.  
Translated from: Entomologicheskoe obozrenie,  
p. 514-. (421 R322). v. 59 (3). p. 21-34.  
Includes 2 p. ref. (NAL Call No.: 421 R322AE).

# ANIMAL ECOLOGY

0601

**Diurnal behavior of plum curculio (Coleoptera: Curculionidae) adults within host trees in nature (Conotrachelus nenuphar, fruit pest, Massachusetts).**

Owens, E.D. AESAA. Hauschild, K.I.; Hubbell, G.L.; Prokopy, R.J. College Park : The Society. Annals of the Entomological Society of America. July 1982. v. 75 (4). p. 357-362. 11 ref. (NAL Call No.: 420 EN82).

0602

**Effective growth units in population dynamics of the green peach aphid (Homoptera: Aphididae) (Myzus persicae).**

Tamaki, G. EVETB. Weiss, M.A.; Long, G.E. College Park : Entomological Society of America. Environmental entomology. Dec 1982. v. 11 (6). p. 1134-1136. Includes references. (NAL Call No.: QL461.E532).

0603

**Evidence of an oviposition stimulant for peachtree borer (Synanthedon exitiosa, insect pests of peach, Prunus persica).**

Gentry, C.R. Wells, J.M. New York, N.Y., Plenum Press. Journal of chemical ecology. Aug 1982. v. 8 (8). p. 1125-1132. ill. 9 ref. (NAL Call No.: QD415.A1U6).

0604

**Spatial and seasonal distributions of leafhopper (Cicadellidae) vectors of peach X-disease in Connecticut.**

McClure, M.S. College Park, Md., Entomological Society of America. Environmental entomology. Oct 1980. v. 9 (5). p. 668-672. ill. 12 ref. (NAL Call No.: QL461.E532).

# FARM EQUIPMENT

0605

Bruising related to mechanical harvesting.  
Bilanski, W.K. Menzies, D.R. St. Joseph, Mich.  
: American Society of Agricultural Engineers,  
c1984. Fruit, nut, and vegetable harvesting  
mechanization : proceedings, International  
Symposium on Fruit ... Mechanization, Oct 5-12,  
1983, Volcani Center, Bet Dagan, Israel /  
Institute of Agricultural Engi. p. 376-381.  
Includes 3 references.

# NATURAL RESOURCES

0606

Minimum tillage techniques for establishing shrubs in clump plantings (Wild plum (*Prunus americana*) and Hansen rose (*Rosa sp.*), Colorado, wildlife habitat development).  
Snyder, W.D. Fort Collins : The Division.  
Special report - Colorado Division of Wildlife.  
Sept 1982. Sept 1982. (53). 17 p. ill., map. 10  
ref. (NAL Call No.: SK375.C6).

# WATER RESOURCES AND MANAGEMENT

0607

Peach orchard floor management (Soil, weed control, irrigation).

Rom, R.C. Martinsburg, W. Va. Proceedings ... annual conventionNational Peach Council. 1978. 1978. (37). p. 29-31. (NAL Call No.: SB371.N3).

# DRAINAGE AND IRRIGATION

0608

**Control of peach tree growth and productivity by regulated water supply, tree density, and summer pruning (Trickle irrigation).**

Chalmers, D.J. Mitchell, P.D.; Van Heek, L. Alexandria, Va., The Society. Journal of the American Society for Horticultural Science. May 1981. v. 106 (3). p. 307-312. 19 ref. (NAL Call No.: 81 S012).

0609

**Controlling peach tree growth with irrigation management.**

Chalmers, D.J. Mitchell, P.D. Martinsburg, W. Va., The Council. Proceedings ... annual convention National Peach Council. 1982. 1982. (41st). p. 31-33. (NAL Call No.: SB371.N3).

# FOOD PROCESSING, HORTICULTURAL CROP

0610

**Fungus causes deterioration of dried prunes  
(*Rhizopus stolonifer*).**

Sholberg, P.L.CAGRA. Ogawa, J.M. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. Mar/Apr 1983. v. 37 (3/4). p. 27-28. illl. (NAL Call No.: 100 C12CAG).

0611

**Post harvest discoloration of peaches.**  
Hudson, D.E. AR-NE. Christ, E.G. Martinsburg, W. Va., The Council. Proceedings ... annual convention National Peach Council.National Peach Council. 1980. Abstract only. 1980. (39th). p. 36. (NAL Call No.: SB371.N3).

0612

**Postharvest fruit discoloration (Peaches).**  
Ridley, J.D. Martinsburg, W. Va., The Council. Proceedings ... annual convention National Peach Council.National Peach Council. 1980. 1980. (39th). p. 37-42. illl. 3 ref. (NAL Call No.: SB371.N3).

# FOOD STORAGE, HORTICULTURAL CROP

0613

**Long-term storage of peaches and nectarines  
intermittently warmed during  
controlled-atmosphere storage.**

Anderson, R.E. Alexandria, Va., The Society.  
Journal of the American Society for  
Horticultural Science. Mar 1982. v. 107 (2). p.  
214-216. Includes 18 ref. (NAL Call No.: 81  
S012).

0614

**Progress on controlled atmosphere storage and  
intermittent warming of peaches and nectarines.**

Wang, C.Y. Anderson, R.E. Beaverton, Or. :  
Timber Press, (1982). Proc. Third Natl.  
Controlled Atmosphere Research Conf. on  
Controlled Atmospheres for Storage and  
Transport of Perishable Agric. Commodities,  
July 22-24, 1981, Ore. State Univ., Corvallis /  
D.G. Richardson, M.M. Meheriuk, eds. p.  
221-228. 31 ref. (NAL Call No.: TP373.3.C66  
1982).

# MICROBIOLOGY OF FOOD PROCESSING

0615

Improved bacterial recovery by membrane filters

in the presence of food debris.

APMBA. Farber, J.M. Sharpe, A.N. Washington,

D.C. : American Society for Microbiology.

Applied and environmental microbiology. Aug

1984. v. 48 (2). p. 441-443. Includes

references.

# MICROBIOLOGY, HORTICULTURAL CROP

0616

**Bimodal heat stability curves of fungal pectolytic enzymes and their implication for softening of canned apricots.**

Strand, L.L. Ogawa, J.M.; Bose, E.; Rumsey, J.W. Chicago, Institute of Food Technologists. Journal of food science. Mar/Apr 1981. v. 46 (2). p. 498-500, 505. illl. Includes 22 ref. (NAL Call No.: 389.8 F7322).

# FOOD CONTAMINATION, HORTICULTURAL CROP

0617

Dibromochloropropane residues in peaches following fall orchard fumigation (DBCP).  
Carter, G.E. Jr., Riley, M.B. Washington, D.C.  
: American Chemical Society. Journal of agricultural and food chemistry. Mar/Apr 1984.  
v. 32 (2). p. 186-187. Includes references.  
(NAL Call No.: 381 J8223).

0618

The effect of bruising on dried fruit quality (by impact of apple, pear and peach, food spoilage).  
O'Brien, M. Singh, R.P.; Garrett, R.E. St. Joseph, Mich. : The Society. Transactions of the ASAE - American Society of Agricultural Engineers. Jan/Feb 1984. v. 27 (1). p. 274-277. ill. Includes references. (NAL Call No.: 290.9 AM32T).

0619

Incidence of cis-4-cyclohexene-1,2-dicarboximide in fruit crops treated with captan (Peaches, fungicides).  
Cairns, T.BECTA. Siegmund, E.G.; Doose, G.M. New York : Springer-Verlag. Bulletin of environmental contamination and toxicology. Jan 1983. v. 30 (1). p. 117-121. 5 ref. (NAL Call No.: RA1270.P35A1).

0620

Residues of dibromochloropropane in fresh and preserved peaches (Soil fumigant used for nematode control in South Carolina).  
Carter, G.E. Jr. Riley, M.B. Washington, D.C., American Chemical Society. Journal of agricultural and food chemistry. July/Aug 1982. v. 30 (4). p. 647-649. 5 ref. (NAL Call No.: 381 J8223).

# FOOD COMPOSITION, HORTICULTURAL CROP

0621

Evaluating the browning potential of peaches  
(Total amount of phenolic compounds level of  
activity of polyphenol oxidase enzyme, *Prunus  
persica*, bruising).

Kader, A.A. Chordas, A. Berkeley : The Station.  
California agriculture - California  
Agricultural Experiment Station. Mar/Apr 1984.  
v. 38 (3/4). p. 14-15. ill. (NAL Call No.: 100  
C12CAG).

0622

Long-term storage of peaches and nectarines  
intermittently warmed during  
controlled-atmosphere storage.

Anderson, R.E. Alexandria, Va., The Society.  
Journal of the American Society for  
Horticultural Science. Mar 1982. v. 107 (2). p.  
214-216. Includes 18 ref. (NAL Call No.: 81  
S012).

# MATHEMATICS AND STATISTICS

0623

The effect of an embargo of California peaches.  
Bauer, L.L. Wells, G.J.; Rathwell, P.J.  
Lexington, Ky., Southern Agricultural Economics  
Assoc. Extract: The Medfly infestation in  
California during 1981 was the cause of much  
concern. Quarantines were imposed in 11 states.  
Some expressed the opinion that embargos should  
be imposed on California produce. Reactive  
programming was used to analyze the effects of  
an embargo of California peaches. The results  
showed that, even if California peaches were  
embargoed by the remainder of the United  
States, producer revenue outside of California  
would increase by as little as 3-5 percent.  
Consumer prices outside of California would  
increase less than 4 percent, except in markets  
heavily dependent on California production,  
e.g. Denver, where estimated prices would  
increase by 11 percent. A complete embargo  
would result in estimated revenue for  
California producers decreasing by 22 percent  
and estimated prices for California consumers  
decreasing by approximately 20 percent.  
Southern journal of agricultural economics -  
Southern Agricultural Economics Association.  
Dec 1982. v. 14 (2). p. 119-122. Includes 4  
references. (NAL Call No.: HD101.S6).

# AUTHOR INDEX

- Adams, G. 48, 201, 111  
Adams, R.E. 517, 263  
AESAA. 165, 601, 143, 597  
AGREA. 531  
Aichele, M.D. 448  
Alcantara, L. 20, 533  
Alconero, R. 406, 437  
Aldrich, J.H. 37, 554, 74, 42, 64, 51, 84, 510, 557, 571, 569  
Allen, Harry W. 199  
Allison, J.R. 15  
Andersen, P.C. 83, 504  
Anderson, R.L. 493, 112, 118  
Anderson, F.W. 8, 66, 103, 7, 65, 102, 12, 71, 110, 6, 93, 60  
Anderson, L.C. 42, 74, 64  
Anderson, R.E. 614, 613, 622, 547  
Andreadis, T.G. 181, 459, 205, 432  
Andrews, P.K. 81, 499  
Annis, B. 167, 446, 136, 135, 208, 214  
Anthon, E.W. 193  
APMBA. 615, 414  
Armstrong, J.W. 549  
Arnold, C.E. 37, 554, 64, 42, 74, 51, 84, 510, 557, 571, 569  
Arrington, E.H. 558, 53, 262  
Arrington, G. 555  
Ashley, T.R. 202  
Ashworth, E.N. 502, 501  
Austin, R.K. 524  
Bailey, C.H. 9, 67, 426  
Bailey, P. 145  
Bajwa, M.S. 24, 52, 595  
Ball, J.C. 198, 144, 206, 435, 215  
Ballard, J.K. 509  
Barbara, D.J. 469  
Bardalaye, P.C. 216, 585, 584  
Barrat, J.G. 242, 449, 379  
Bates, R.P. 20, 533  
Bauer, L.L. 14, 623  
Becker, C.M. 290  
BECTA. 619, 578  
Benner, J. 128  
Bennet, M.H. 297  
Bennett, M.H. 283, 395, 284, 293, 296, 298  
Berkett, L.P. 289  
Berry, R.E. 167, 214  
Bertrand, P. 376  
Bertrand, P.F. 258  
Bethell, R.S. 443  
Bierl-Leonhardt, B.A. 174  
Billanski, W.K. 605, 490, 34, 497  
Billmyer, L.A. 501  
Blythe, T.O. 567  
Bogle, A.L. 353  
Boosalis, M. G. 368  
Bosch, D.F. 158  
Bose, E. 616  
Bose, E.A. 304  
Bostock, R.M. 304  
Bowers, K.W. 319  
Bown, A.W. 185  
Brainerd, K.E. 82, 500  
Braun, H.E. 5, 170, 579  
Brazee, R.D. 80, 495  
Brecht, J.K. 58, 79, 526  
Brittain, J.A. 99  
Brlansky, R.H. 429  
Brook, T.S. 40, 166, 270  
Brown, S.A. 496  
Bruce, R.R. 35, 249  
Brunner, J.F. 195, 233, 182  
Bryce, H.M. 409  
Buchanan, D.W. 78, 29  
Buchanan, J.R. 19, 525  
Buescher, R.W. 97  
Burgess, H.E. 409  
Burlando, T. 265  
Burr, T.J. 529, 333  
Burton, C.L. 536, 539  
Butt, B.A. 174  
Byers, P.L. 294  
Byers, R.E. 47, 506  
Byther, R.S. 372, 371  
CAGRA. 431, 348, 610, 530  
Cain, D.W. 493, 112, 118  
Cairns, T. 619, 578  
Calkins, C.O. 128  
Canez, V.M. 304  
Canez, V.M. Jr. 390  
Carlson, D.A. 584  
Carlton, C.C. 53, 262, 326, 50, 115, 409, 325, 416, 324, 323, 483, 593  
Carlysle, T. 128  
Carroll, D.P. 233  
Carter, G.E. Jr. 620  
Carter, G.E. Jr., Riley, M.B. 573, 617  
Cecilia, C.V. 345  
Chadha, K.L. 24, 52, 595  
Chalmers, D.J. 609, 32, 608  
Chandler, W.A. 360, 61, 332, 366, 300  
Chaney, D.H. 356  
Chang, V.C.S. 200  
Chen, P.M. 85, 516  
Chesnee, J.L. 35, 249  
Chevalier, J. 288, 287, 286  
Chiba, M. 3, 583, 577  
Childers, N.F. 507  
Chordas, A. 621, 528  
Christ, E.G. 512, 540, 611, 511  
Civerolo, E.L. 413  
Clark, G.M. 567  
Clark, M.F. 469  
Clayton, C.N. 275, 427, 106, 186  
Cochran, A.E. II. 322  
Cochran, A.E. II. 363, 285  
Cockreham, S.D. 568  
Coffey, D.L. 39, 556  
Cole, A. 439  
Comstock, R.E. 365, 321, 295, 320  
Conway, W.S. 537, 538  
Cook, A. 25, 17, 22  
Cooley, D.R. 290  
Cornell, J.A. 84, 510  
Coston, D.C. 491  
Couey, H.M. 549  
Covey, R.P. Jr. 382  
Craig, W. S. 590

## AUTHOR INDEX

- Craig, W.S. 120, 589, 119  
 Crocker, T.E. 428  
 Cummins, J.N. 461, 241, 447  
 Daiber, C.C. 219  
 Daniell, J.W. 559, 410, 494, 360, 61, 332  
 Davis, A.E. 289  
 Davis, C. 25, 17, 22  
 Davis, G.A. 502  
 Davis, J.R. 318  
 Davis, M.J. 403  
 De Vay, J.E. 431  
 Derr, M.A. 551, 452  
 DeTar, J.E. 443  
 DeVay, J.E. 309, 411  
 Dhanvantari, B.N. 412, 292  
 Dick, T. 551, 452  
 Dickens, L.E. 104, 359  
 Dirks, V.A. 412  
 Doll, C.C. 508  
 Doose, G.M. 619, 578  
 Doud, S.L. 430, 515  
 Dowler, W.M. 234  
 Dozier, W.A. Jr. 75, 266, 53, 262, 50, 115, 38  
 Drake, C.R. 313, 327, 328, 369, 314, 575, 386, 387, 280, 312, 282, 384  
 Dunegan, John C. 404  
 Dunez, J. 456  
 Eadie, T. 18  
 Eaton, G.W. 527  
 Edgerton, L.J. 36, 498  
 Edwards, J.H. 35, 249, 485, 113  
 Ehret, G.R. 365, 321, 295, 320  
 El-Goorani, M.A. 377  
 Eldridge, B.J. 49, 380  
 Elmore, C. 570  
 Endert, E. 407, 425  
 English, H. 431, 265, 318  
 English, L.M. 192  
 English, W.H. 319  
 Evans, C.E. 50, 115, 38  
 Evert, D.R. 433  
 EVETB. 598, 148, 602  
 Farber, J.M. 615  
 Ferree, D.C. 80, 495  
 Fischer, B. 570  
 Fischer, W.R. 382  
 Fisher, R.W. 5, 579, 170, 150  
 Fitch, L.A. 454, 162, 163  
 Fitch, L.B. 33  
 Flaherty, D.L. 158  
 FNEDTD. 335, 322, 310, 283, 336, 334, 326, 365, 523, 316, 315, 313, 288  
 Folsom, M.W. 422  
 Forer, L.B. 452, 551, 461, 482  
 Founk, J. 222, 587  
 Fox, L. 136, 446, 135, 231, 572, 479, 161  
 Fox, R.D. 80, 495  
 French, B.C. 16  
 French, W.U. 414, 279, 403, 433, 428  
 Fridlund, P.R. 488, 41, 457, 107  
 Fried, P.M. 389  
 Fuchigami, L.H. 82, 500  
 Fulton, R.W. 455  
 Funt, R.C. 245  
 Furmanski, R.J. 97  
 FVRJA. 505  
 Gadoury, D.M. 401  
 Gaines, T.P. 433  
 Gairola, Chandrachuranand, . 391  
 Gambrell, C.E. 247  
 GARBB. 351, 252, 271  
 Garcia, S. 354  
 Garretson, M. 523, 316, 315, 532, 349  
 Garrett, R.E. 618  
 Gashaira, B. 335, 336, 340  
 Gaus, A. E. 590  
 Gaus, A.E. 120, 589, 119  
 GENSA. 419, 159  
 Gentry, C.R. 142, 603, 154, 129, 157  
 George, D.A. 151  
 Gerdts, M.H. 478  
 Gerling, W.D. 308  
 Ghate, S.R. 559  
 Gilliam, J.W. 43, 100  
 Gilreath, P.R. 78, 29  
 Giri, M.K. 574, 147  
 Giunchedi, L. 460  
 Gonsalves, D. 461, 241, 447  
 Gorsuch, C. 99  
 Gorsuch, C.S. 383, 204, 127  
 Gottwald, T.R. 331  
 Goulart, B.L. 245  
 Griffey, W.A. 409  
 GRLEA. 130  
 Guinivan, R.A. 216, 585  
 Gupta, R.K. 136, 446, 135  
 Gusta, L.V. 85, 516  
 Hagley, E.A.C. 224  
 Hansche, P.E. 235  
 Hansen, A.J. 453, 463  
 HARAA. 409  
 Haramaki, C. 566  
 Hardesty, K.T. 521  
 Harris, C.M. 375  
 Hart, J. 't. 168  
 Hatch, A.H. 503  
 Hathaway, D.O. 194  
 Hauschild, K.I. 143, 601, 597  
 Haygood, R.A. 40, 166, 270  
 Heimann, M.F. 373  
 Hemphill, D.D. 120  
 Henecke, L.M. 299  
 Heringer, M.R. 464  
 Herr, M. 458  
 Hetherington, J.E. 303  
 Hickey, K.D. 310, 523, 316, 315, 532, 349, 289  
 HJHSA. 586, 518  
 Hogmire, H.W. Jr. 172  
 Holbrook, F.R. 125  
 Holmberg, D.M. 443  
 Horsburgh, R.L. 189  
 Horton, B.D. 35, 249, 485, 250, 576, 113  
 Hough, L.F. 9, 67, 426  
 Howell, J.F. 151, 191, 190  
 Hoy, J.W. 443, 450, 243, 468, 441, 442  
 Hoyt, S.C. 233, 132  
 Hubbell, G.L. 601, 143, 597  
 Hudson, D.E. 512, 540, 511, 611  
 Hussey, R.S. 253, 592, 594  
 Ivey, H.W. 409  
 JAFCIA. 3, 583  
 Jaffee, B.A. 248, 256  
 James, J. 171  
 Janson, Blair F. 474  
 JEENA. 222, 587  
 JEENAI. 146, 552, 220, 438, 200  
 Johnson, D.R. 276, 217  
 Johnson, D.T. 227  
 Johnson, Stanley. 45  
 JONEB. 244  
 Jones, A.L. 365, 321, 295, 320, 480  
 Jones, B. 217, 276  
 Jones, B.F. 137, 218  
 Jones, Brian M. 474  
 Jonge, J. de. 168  
 JOSHIB. 501, 50, 115, 381

## AUTHOR INDEX

- Kable, P.F. 389  
 Kader, A.A. 58, 79, 526, 621, 528, 377  
 Kaethler, F. 165  
 Kane, M. 54, 396, 221  
 Kasimatis, A.N. 319  
 Keil, H.L. 413  
 Keim, R. 470  
 Kerlan, C. 456  
 Kido, H. 158  
 Killian, J.C. 146, 552  
 King, G.A. 16  
 Kissler, J.J. 319  
 Klos, E.J. 288, 287, 286  
 Knisley, J. 98  
 Knowles, J.W. 75, 266, 53, 262  
 Kobayashi, K. 82, 500  
 Koffman, W. 535, 543, 305  
 Koffmann, W. 301  
 Kolesova, D.A. 444, 600, 134  
 Kreuer, G.W. 491, 410, 494  
 Krusberg, L.R. 245  
 Kuhns, L.J. 566  
 Kurakata, E. 13, 72, 278  
 Kurzer, R. 288  
 Kuznetsova, V.G. 600, 444, 134  
 Lacy, G.H. 181, 459, 432, 205  
 Lamb, R.C. 27, 87, 55  
 Lambert, D.H. 117  
 Landgraf, F.A. 352  
 Lange, A. 570  
 Larsen, H.U. Jr. 382  
 Larsen, R. Paul. 45  
 Latham, A.J. 326, 409, 325, 416, 324, 323, 420, 422  
 Lathrop, L.D. 452, 551  
 LaValley, D. 287, 286  
 Lawrence, E.G. Jr. 317  
 Layne, R.E.C. 77, 57, 492, 62, 268, 63, 269  
 Lemus T, G. 484  
 Lewis, S.A. 350, 251, 514, 260, 247  
 Lockwood, D.W. 39, 556  
 Loesch, Loretta Sue.. 472  
 Lombard, P.B. 83, 504  
 Long, G.E. 148, 598, 602, 153, 169  
 Lowe, S.K. 429, 415, 423, 561, 424  
 Lownsbery, B.F. 243, 450, 431, 265  
 Luepschen, N.S. 302, 73, 400, 397, 303, 359, 104, 357  
 Lyons, C.G. Jr. 47, 506, 124  
 Lyrene, P.M. 235, 405  
 MacHardy, W.E. 401  
 Mack, T.P. 228, 230, 140, 141  
 MacKenzie, D.R. 389  
 MacSwan, I.C. 335, 336, 334, 340, 344, 338, 337, 339, 343, 341, 342  
 Malavasi, A. 126  
 Maloy, O.C. 372, 371  
 Manji, B.T. 304  
 Mankau, R. 101  
 Manning, W.U. 290  
 Marani, F. 460  
 Marlatt, C. L. 196  
 Marriage, P.B. 553  
 Martin, F.G. 144  
 Mason, C.L. 276, 217, 218  
 May, B. 125  
 May, J. 523, 316, 315, 532, 349  
 Mayes, R.L. 227  
 McBride, J. 531  
 McCain, A.H. 355, 356  
 McClanahan, R.J. 222, 587  
 McClenahen, J.R. 94  
 McClure, M.S. 181, 459, 417, 589, 473, 604, 209, 434, 205, 432, 471, 210  
 McDaniel, M.C. 276, 217, 218  
 McDonough, L.M. 174  
 McGlohon, N.E. 91, 272  
 McGuire, J.A. 50, 115  
 McInnis, D.O. 200  
 McKenry, M.V. 88  
 McLaughlin, J.R. 213  
 Megahed, El-Sayed Abdel Aziz,. 451  
 Menzies, D.R. 605, 490, 34, 497, 5, 170, 579, 150  
 Merrill, G. 69, 10, 108, 70, 11, 109  
 Meszleny, A. 135  
 Meyer, F.W. 345  
 Meyer, J.R. 552, 146, 581, 131, 274, 123, 563, 273, 122  
 Meyer, R.H. 130  
 Middleton, J.E. 489  
 Mille, B. 456  
 Miller, D. 202  
 Miller, P.M. 239  
 Miller, R.W. 99, 204, 383, 240, 466  
 Miller, S.S. 49, 380, 271, 351, 252  
 Minami, D.D. 16  
 Mink, G.I. 439, 448  
 Mircetich, J.S. 462  
 Mircetich, J.S.M. 443  
 Mircetich, S.M. 243, 450, 468, 442  
 Mircetich, S.M.J. 370  
 Mishra, K.A. 23, 545  
 Mitchell, P.D. 609, 32, 608  
 Miyata, T. 139  
 Mizutani, F. 76, 114  
 Moller, W.U. 319, 267, 356  
 Mon, T.R. 548  
 Moore, J. F. 590  
 Moore, J.D. 373  
 Moore, J.F. 120  
 Moore, J.F. Jr. 294  
 Moorehead, G. 164  
 Moreno, D.S. 174  
 Morgante, J.S. 126  
 Morris, J.R. 21, 544  
 Morton, S.G. 18  
 Moscardi, C. 354  
 Motichek, G.R. 558  
 Mountain, W.L. 452, 551  
 Myers, S.C. 505  
 Namba, R. 225, 475  
 Nawrocka, B. 446, 136  
 Nelson, J.B. 74, 42, 64  
 Nesmith, W.C. 234  
 Newby, L. 397  
 Nicholls, S.A. 322, 522, 363, 285  
 Nishimoto, J.I. 200  
 Noel, G.R. 96  
 Norris, D.M. 180  
 Norton, J.D. 28, 56, 264, 409, 420, 593, 483, 422  
 Nycepir, A.P. 251, 350  
 NYHSA. 447, 241  
 Nyland, G. 421, 429, 423, 464, 267, 478  
 O'Brien, M. 618  
 O'Melia, F.C. 238, 237  
 OASPA. 454, 162  
 Odom, J.W. 483, 593  
 Oetting, R.D. 160  
 Ofiara, D.D. 15  
 Ogawa, J.M. 304, 546, 348, 610, 530, 390, 616, 267  
 Okie, W.R. 246, 394, 381, 59, 307, 408  
 Olien, C.R. 493  
 Olsen, D. 152  
 Ota, A.K. 200

## AUTHOR INDEX

- Otta, Jack Duane. 436  
 Otto, B.E. 49, 380, 449, 242  
 Owens, E.D. 597, 143, 601  
 Palm, E. W. 590  
 Palm, E.W. 120  
 Parish, C.L. 481  
 Parish, P.J. 523, 532, 349  
 Parnell, L.A. 133  
 Pass, B.C. 574, 147  
 Pate, R.R. 211  
 Paulson, A.T. 527  
 Payne, J.A. 164  
 Paynter, V.A. 437  
 Pecknold, Paul C. 367  
 Peebles, K.A. 207  
 Peterson, Alvah.. 178  
 PFSHA. 279  
 Phillips, D.J. 4, 311, 291, 524, 375, 95  
 PHYTA. 401, 331, 421, 546, 248, 256, 455, 291, 358, 429  
 PHYTAJ. 439, 246  
 PLDRA. 308  
 Polk, D.C. 322  
 Ponton, L.F. 189  
 Potter, J.W. 3, 583  
 Powell, C.A. 452, 551, 445, 461  
 PPETA. 185  
 Pree, D.J. 5, 579, 170, 165, 150, 223, 224  
 Price, J.B. 30, 89  
 Prince, V.E. 59, 307, 408, 576, 250  
 Proebsting, E.L. 509  
 Proebsting, E.L. Jr. 81, 499, 489, 92  
 Prokopy, R.J. 143, 597, 601  
 Purcell, A.H. 438, 220, 464, 226, 476  
 Pusey, P.L. 374, 534, 398  
 PWHAA. 233  
 Quamme, H.A. 85, 516, 553  
 Raju, B.C. 421, 429, 415, 423, 464, 424, 561  
 Ramming, D.W. 79, 58, 526  
 Ramos, D.E. 319  
 Rathwell, P.J. 14, 623  
 Ray, L.D. 21, 544  
 Razeto, B. 486  
 Reil, W.O. 487  
 Reilly, C.C. 246, 394, 381, 306  
 Retan, A.H. 138  
 Rice, R.E. 195, 182, 132  
 Richards, A.W. 161  
 Ridley, J.D. 612, 513  
 Ries, S.M. 96  
 Riesselman, J. H. & NebGuide. 368  
 Riley, M.B. 620  
 Rippetoe, L.W. 78  
 Ritchie, D.F. 581, 407, 236, 425, 283, 123, 274, 563, 122, 273, 358, 254, 261, 395, 284, 293, 297, 288, 393, 427, 275  
 Roberts, E. 535, 543, 305, 301  
 Roberts, John W. 364  
 Rom, R.C. 558, 53, 262, 496, 555, 68, 607, 591  
 Roncadori, R.W. 253, 592, 594  
 Roselle, Robert E. 259  
 Rosenberger, D.A. 308, 418, 241, 447, 529, 333, 345  
 Ross, D.S. 245  
 Rough, D. 319  
 Rowse, D.J. 501  
 Ruiz S. R. 484  
 Rumsey, J.W. 616  
 Rymal, K.S. 28, 56, 264  
 Sakai, A. 92  
 Sanborn, R.R. 319  
 Sandhu, S.S. 203  
 Saunders, M.S. 414  
 Savage, E.F. 86  
 Scalabrelli, G. 550  
 Schaad, N.W. 403  
 Schick, F.J. 431, 265  
 Schilling, R.E. 467  
 Schultz, P.B. 133  
 Scorza, R. 398, 242, 449  
 Scott, Donald H. & An aid to identification and control. 257  
 Scott, W. M. 388  
 Shaffer, W. H. 590  
 Shaffer, W.H. 120, 589, 119  
 Shaposhnikov, G.Kh. 444, 600, 134  
 Sharp, J.L. 213, 171  
 Sharpe, A.N. 615  
 Sharville, Eric G. 257  
 Sherman, W.B. 235, 405  
 Shigo, A.L. 520, 399  
 Sholberg, P.L. 546, 348, 530, 610  
 Short, K.C. 50, 115, 409  
 Short, K.S. 483, 593  
 Shortle, W.C. 353  
 Showalter, H.L. 121  
 Siegmund, E.G. 619, 578  
 Simons, R.K. 508  
 Sims, E.T. Jr. 491  
 Singh, R.P. 618  
 Skelton, T.E. 207  
 Skroch, W.A. 581, 518, 586, 565, 122, 273, 563  
 Smiley, E.T. 397  
 Smilowitz, Z. 228, 230, 140, 141  
 Smith, C.F. 186, 106  
 Smith, D.A. 56, 28, 264  
 Smith, Erwin F. 465  
 Smith, M. 26, 402  
 Snapp, Oliver I. 155, 177, 178, 580, 183  
 Snell, J.M. 56, 28, 264, 50, 115  
 Snell, V.M. 409  
 Snow, J.W. 142  
 Snow, J.W. 164  
 Snyder, W.D. 606, 560, 596  
 Sommer, N.F. 377, 19, 525  
 Sonoda, R.M. 279  
 Sorensen, K.A. 581, 122, 273, 563  
 Sotomayor S., C. 484  
 Spilker, Oren W. & Importance and recognition in the orchard. 474  
 Springer, J.K. 362, 519, 255  
 Stange, L.A. 206  
 Stapleton, J.J. 411, 309  
 Starling, J.G. 409  
 Steiner, P. W. 588, 232  
 Steiner, P.W. 119, 589  
 Stewart, J.K. 548  
 Stiles, W.C. 55, 87, 27  
 Stimmel, J.F. 212  
 Stirling, G.R. 88, 101  
 Stokes, Donald Eugene.. 184  
 Stone, M.W. 185  
 Stouffer, R.F. 551, 452, 461, 44, 105, 482, 117  
 Strand, L.L. 616  
 Strobel, N.E. 253, 594, 592  
 Stromberg, L.K. 487  
 Sugiura, A. 76, 114  
 Suslow, K.G. 438, 220  
 Swift, F.C. 175  
 Swingle, H. S. 582, 197  
 Sylvester, E.S. 475, 225  
 Szkolnik, M. 299  
 Tamaki, G. 598, 148, 602, 167, 446, 136, 135, 479, 231, 572, 153, 208, 214, 169, 161, 152  
 Tamaki, George. 156  
 Taylor, G. 26, 402

## AUTHOR INDEX

- Taylor, J.C. 90, 31  
Tedders, W.L. 129, 157  
Tepper, B.L. 521, 522  
Thompson, J.M. 415  
Thompson, N.P. 216, 585, 584  
Thompson, V.D. 566  
Thornton, R. 138  
TKASA. 574, 147  
Townsend, H. 120, 590  
Townshend, J.L. 3, 583  
Travis, J.W. 310  
Tukey, R.B. 509  
Turner, G.O. 238, 237  
Turner, William F. 173, 176  
Ummel, E. 567  
Valero, K.A. 158  
Van Heek, L. 32, 608  
Vanderstoep, J. 527  
Veres, D.F. 3, 583  
Volle, D. 347  
Wang, C.Y. 614  
Warren, J.R. 322, 363, 285  
Watada, A.E. 547  
Weaver, D.J. 430, 515, 244, 129, 561, 424, 385  
Webb, J.C. 128  
Wehunt, E.J. 244, 129, 35, 249, 576, 250, 116  
Weiss, M. 208  
Weiss, M.A. 598, 148, 602, 153, 169  
Welker, W.V. 46, 564, 562  
Weller, S.C. 518, 586  
Wells, G.J. 14, 623  
Wells, J.M. 421, 429, 154, 603, 415, 423, 561,  
424  
Werner, D.J. 393  
Westwood, M.N. 83, 504  
Whitcomb, R. F. 440  
Wicks, T. 347, 392  
Wiener, L.F. 180  
Williams, H.C. 38  
Wilson, C.L. 353, 534, 374, 48, 380, 277, 520,  
399  
Wisniewski, M. 353  
Wong, T.T.Y. 200  
Woodward, R.S. 31, 90  
Yadava, U.L. 430, 515  
Yeargan, K.V. 147, 574  
Yoder, K.S. 322, 521, 522, 363, 285, 124  
Yonce, C.E. 187, 419, 159, 149, 157, 229, 477,  
211  
Yoshikawa, F.T. 487  
Young, E. 36, 498  
Young, R.S. 562  
Youngson, C.R. 238, 237  
Zalom, F.G. 182  
Zehr, E.I. 383, 204, 248, 256, 361, 317, 330,  
346, 542, 378, 260, 514, 329, 541, 247, 352,  
234  
1887. 173, 176  
1888. 178  
1898. 404  
1902. 582, 197  
1931. 184  
1939. 451  
1941. 391  
1947. 472



